18

GENERAL CATALOGUE

tekpan®

INDUSTRIAL ENCLOSURES & CABINETS

AUTOMATION and CONTROL SYSTEMS

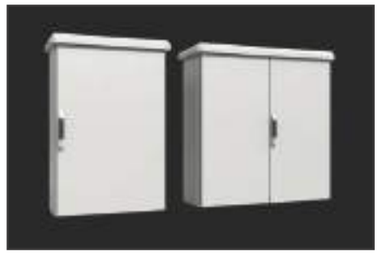
LOW VOLTAGE POWER DISTRIBUTION SYSTEMS

2017

Panasonic Robotic Welding Machine plays a crucial role in enhancing welding productivity, as our robotic automation team provides comprehensive solutions for automated welding systems.

2018

Thanks to our new Painting Line with a recycling system, our enclosure is effectively shielded against external factors, including rain and impact.



2019

NEO HC has the advantage of reliable and functional use in harsh outdoor conditions, with the added benefit of an extendable roof option.

2016

Neo Series Modular Standing Type Enclosure has been successfully launched into the market, offering innovative solutions.

2015

Withdrawable MCC Technology Teos Draw Series launched into market.

2014

As a significant leap was experienced in production technology and capacity, the PSBB full automatic metal production line was established.

1999

The production of modular standard enclosures commenced, and the products were subsequently launched in the market.

2002

To accommodate the rapid development, the company moved to a factory covering an area of 10,000 square meters in Izmir Kemalpaşa.

2003

The adoption of a conveyor painting system with full automatic spray line cleaning and iron phosphate coating allowed for the production of parts without human intervention.

2004

The company expanded and developed rapidly in the domestic market, eventually achieving its first export.

1998

In the metal production process, computer-based CNC-controlled automatic production technology was adopted, replacing the use of NC technology.

1995

The surface process was elevated to world standards with the application of electrostatic powder coating.

1994

As a result of an increase in market share and production volume, the company moved to the factory in İzmir Pınarbaşı.

2021

PDS is a modularized, type-tested low-voltage power distribution and motor control switchboard, supported by a local partnership system worldwide.

2022

Our new KT DM compact enclosures are designed to meet the specific needs of our customers, catering to demanding areas of use.

2023

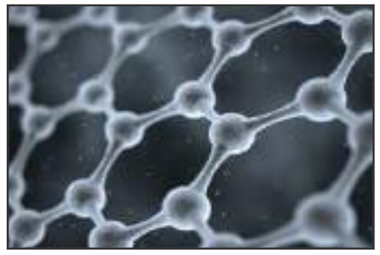
We will continue to share our technologies from our new 35,000 m² factory located in Bağyurdu OSB.

2013

We developed Form 3 and Form 4 type Energy Distribution Cabinets, providing secure solutions that were then launched for our customers.

2012

Teos Series Modular Standing Type Cabinet, which has redefined the standards, has been launched to the market.



2010

By establishing a nano-technological coating line, we have adopted an environmentally friendly and advanced technology for the surface process.

2007

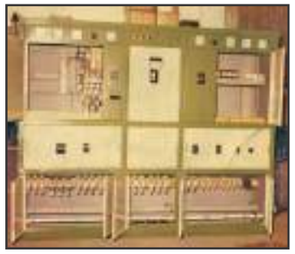
As a result of the positive increase in demand for exports, we successfully executed our first overseas export.

2008

Istanbul branch has been opened to enhance our services, leading to an improvement in local proximity and logistic support levels.

2009

With the introduction of new buildings in Kemalpaşa, İzmir, the total production area has been increased to 20,000 square meters.



1988

In production, the shift from manually controlled machines to semi-automatic machines with NC technology has been implemented.

1984

The oven method has been applied for the first time in the local application of the wet coating process.

1980

Thanks to its quality products and increasing customer rates, the company expanded over time and relocated to the largest atelier in İzmir Çamdibi.

1976

The company was established in 1976 by Davut Yanık and Ahmet Yanık in a small atelier in İzmir.

Become **a Model** as Manufacturer **in Worldwide**

- Human Oriented Understanding
- Become a Family, Sensitive for Occupational Safety and Environment
- Disciplined Human, Disciplined Process

We are aware that our products are used in challenging conditions. As the Tekpan family, our duty is to collaborate with our suppliers and business associates to mitigate these challenges.

To establish ourselves as one of the top two companies that come to mind for any requirements related to our products in our active geographies.

Raw Material Punching
and Bending Process

You can watch the
video about PSBB.

Improving the performance of our products and increasing the installation capability of our customers are the two basic pillars of our R&D mission

Reaching the north star! Maybe impossible. But we will keep trying. We carry our lean manufacturing and six sigma activities to the basic vision of our leadership.

Raw Material Punching Process

Raw Material Bending Process

Welding Process

Powder Paint Process

Sealing Gasket Process

Packaging Process

SEISMIC TESTED

c UL us

UK CA

c RU us

DEKRA

CE

EAC

NEMA 12
NEMA 4/4 X

TSE

RoHS

COMPACT WALL MOUNTED ENCLOSURES 16-91

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FLEXIBLE COPPER BUSBAR
FLEXIBLE BUSBAR SUPPORT
BUSBAR SUPPORT

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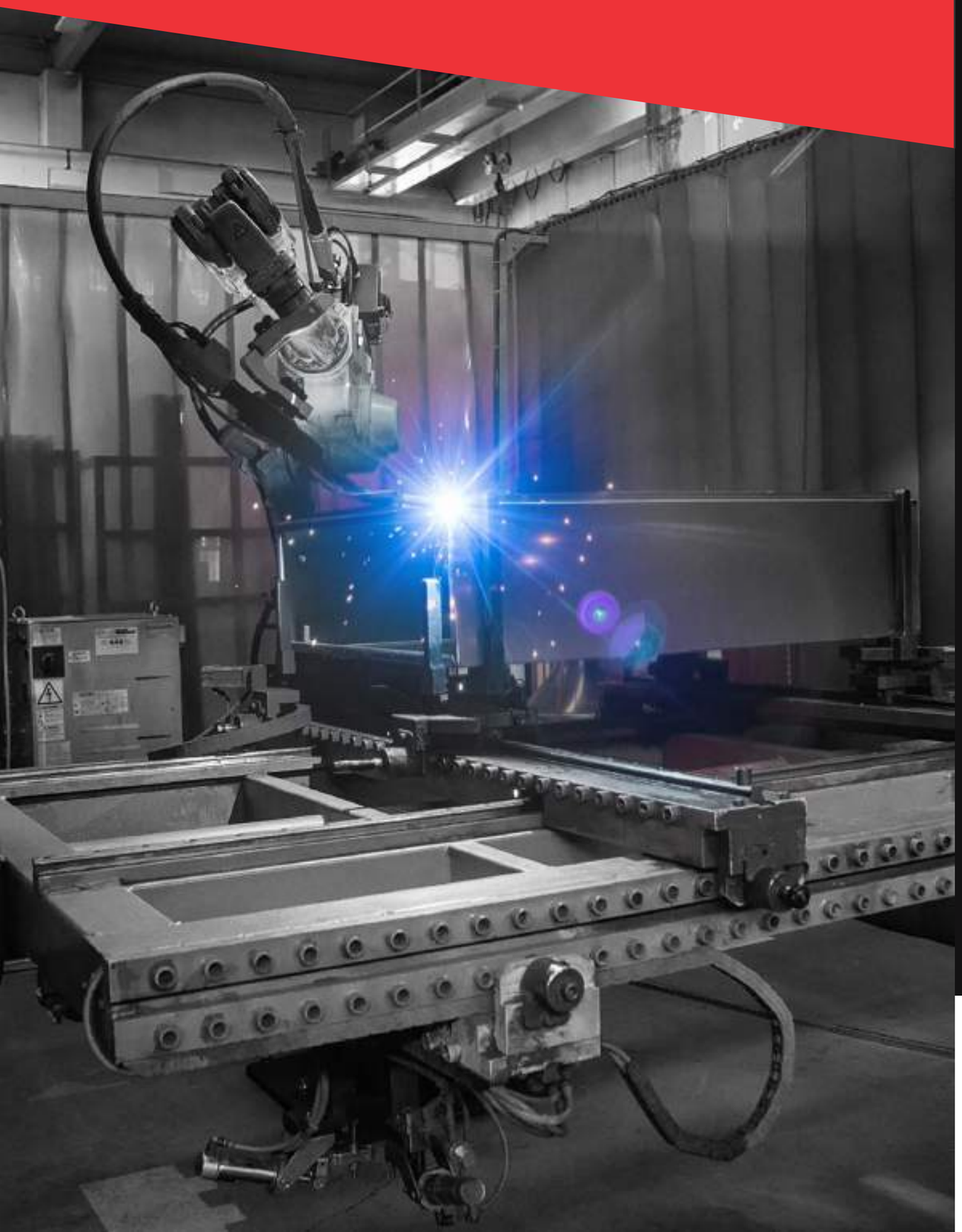
tekpan®
INDUSTRIAL ENCLOSURES & CABINETS

NEW DESIGN KT & DM SERIES

Are Changing the Standards...



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Our new design compact enclosures

More Functional

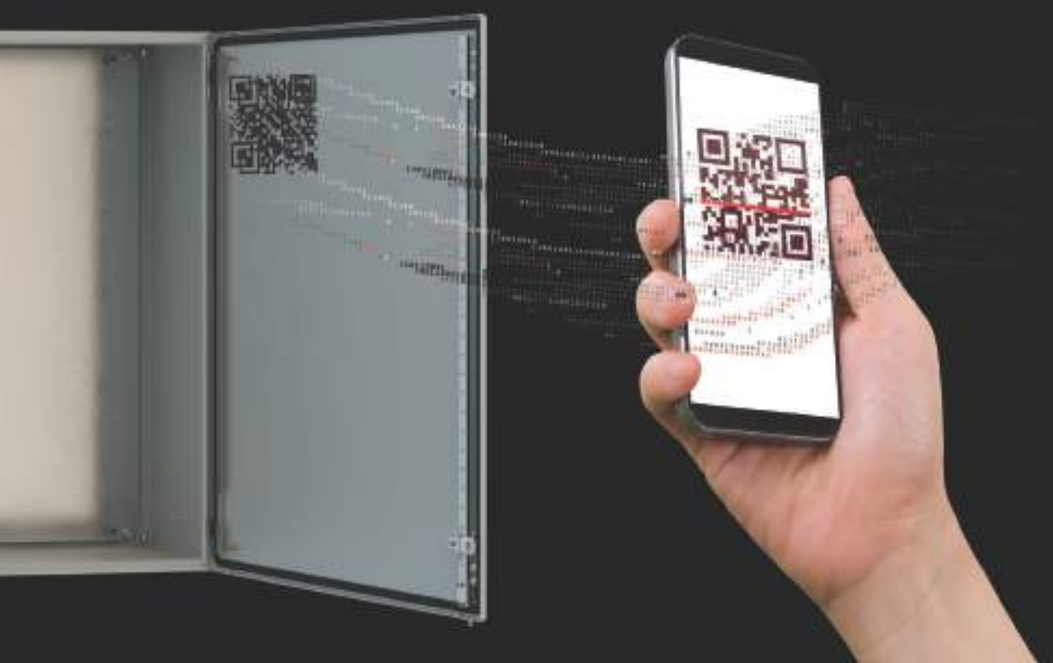
Our experience is to ease challenging conditions. We offer practical and comfortable solutions with a broad range of ergonomic designs and accessories.

More Aesthetic

The Radius corner structure gives our enclosures a modern and elegant design, offering an aesthetic look and distinct style.

More Accessible

We combined our expertise with technology. You can now access all our solutions via QR code whenever you need them.

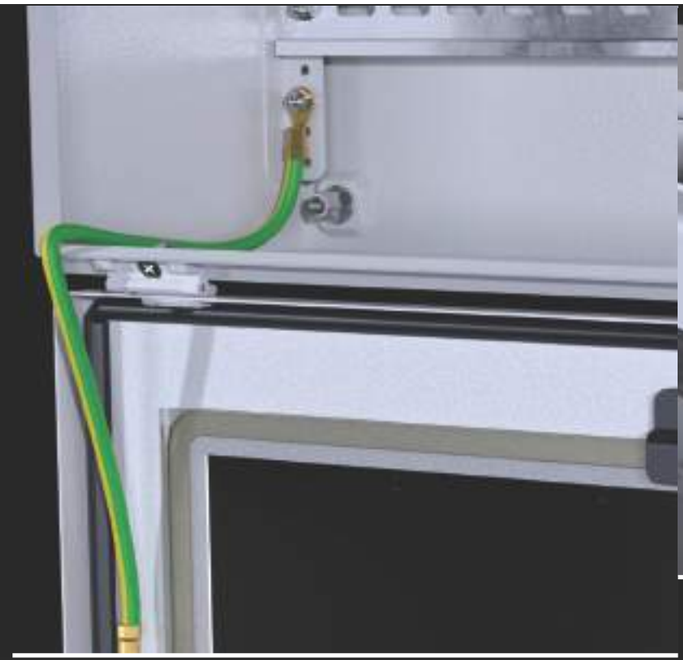


Safer

Our next-generation compact enclosures were manufactured with automatic welding by state-of-the-art robots. They offer a longer service life and higher durability with their robust and safe structure.

KT / *Highlights*

Externally attachable wall bracket



Earthing integration

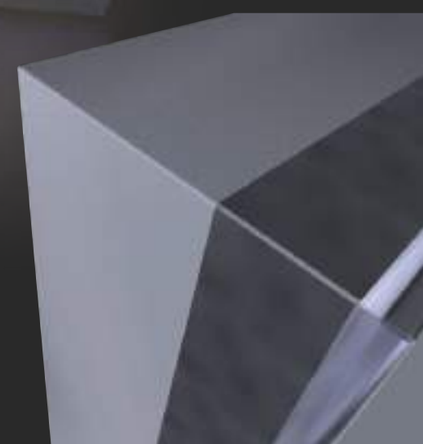
Modern and stylish look with the Radius corner structure and new lock

Easy lock/unlock flexibility with the quarter-turn lock system

Mountable with 7.5 - 15 mm DIN rail for wide usage area
Possibility to attach mounting plate with wide usage area

Easy access with 180° opening hinges

Automatic-welded, compact and durable enclosure body



KT TERMINAL BOX

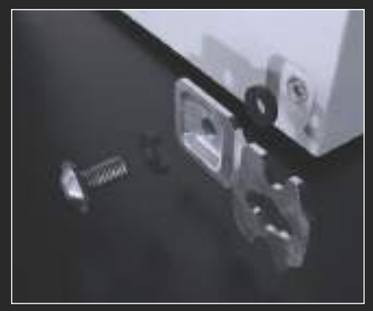
Materials : Main Body, Door Mild Steel
Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035
IP Rate : IEC EN 60529 IP 66
NEMA Rate : NEMA 4
IK Rate : IK 06

Standards : IEC 62208 (Enclosure Standards)
Corrosion Rate : C3-M based on TS EN ISO 12944-2
Warranty : KYT-72
Supply Includes : Body, Locked Cover, Assembly Parts

Please see page 381 for technical drawings.

ACCESSORIES:

Wall Bracket p.: 55



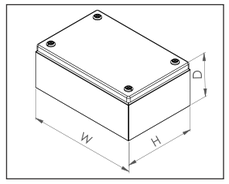
Mounting Plate p.: 60

Earthing Cable p.: 71

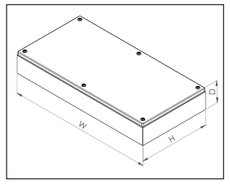
Other Accessories p.: 50

KT TERMINAL BOX

PRODUCT CODE	ENCLOSURE				STEEL THICKNESSES		COVER		VERSION
	W*	H*	D*	WEIGHT	BODY	COVER	LOCK	HINGE	
	mm	mm	mm	kg	mm	mm	pcs.	pcs.	
KT 351.180	150	150	80	1,15	1,2	1,2	4	N/A	1
KT 352.180	200	150	80	1,38	1,2	1,2	4	N/A	1
KT 352.280	200	200	80	1,65	1,2	1,2	4	N/A	1
KT 353.180	300	150	80	1,83	1,2	1,2	4	N/A	1
KT 353.280	300	200	80	2,19	1,2	1,2	4	N/A	1
KT 354.280	400	200	80	2,74	1,2	1,2	4	N/A	1
KT 351.112	150	150	120	1,67	1,2	1,2	4	N/A	1
KT 352.112	200	150	120	1,94	1,2	1,2	4	N/A	1
KT 352.212	200	200	120	2,24	1,2	1,2	4	N/A	1
KT 353.112	300	150	120	2,46	1,2	1,2	4	N/A	1
KT 353.212	300	200	120	2,86	1,2	1,2	4	N/A	1
KT 353.312	300	300	120	3,67	1,2	1,2	4	N/A	1
KT 354.112	400	150	120	2,98	1,2	1,2	4	N/A	1
KT 354.212	400	200	120	3,48	1,2	1,2	4	N/A	1
KT 354.312	400	300	120	4,48	1,2	1,2	4	N/A	1
KT 354.412	400	400	120	5,47	1,2	1,2	4	N/A	1
KT 355.212	500	200	120	4,10	1,2	1,2	4	N/A	1
KT 355.312	500	300	120	5,28	1,2	1,2	4	N/A	1
KT 356.212	600	200	120	4,72	1,2	1,2	4	N/A	1
KT 356.312	600	300	120	6,09	1,2	1,2	6	N/A	2
KT 356.412	600	400	120	7,46	1,2	1,2	6	N/A	2
KT 358.212	800	200	120	5,96	1,2	1,2	6	N/A	2
KT 358.412	800	400	120	9,45	1,2	1,2	6	N/A	2



Version 1



Version 2

Catalogue

Assembly Instructions

KT SOLID DOOR BUS BOX

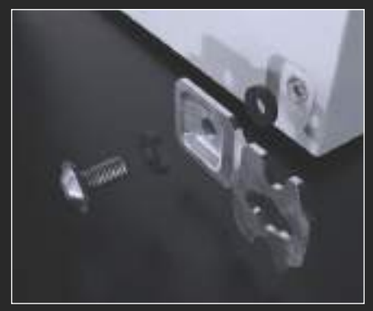
Materials : Main Body, Door Mild Steel
Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035
IP Rate : IEC EN 60529 IP 66
NEMA Rate : NEMA 4
IK Rate : IK 06

Standards : IEC 62208 (Enclosure Standards)
Corrosion Rate : C3-M based on TS EN ISO 12944-2
Warranty : KYT-72
Supply Includes : Body, Hinged Door, Assembly Parts

Please see page 382 for technical drawings.

ACCESSORIES:

Wall Bracket p.: 55



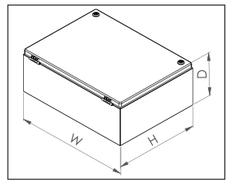
Mounting Plate p.: 60

Earthing Cable p.: 71

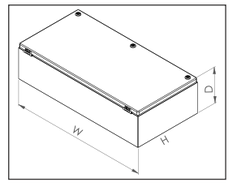
Other Accessories p.: 50

KT SOLID DOOR BUS BOX

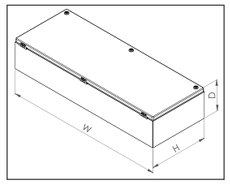
PRODUCT CODE	ENCLOSURE				STEEL THICKNESSES		COVER		
	W*	H*	D*	WEIGHT	BODY	COVER	LOCK	HINGE	VERSION
	mm	mm	mm	kg	mm	mm	pcs.	pcs.	
KT 364.215	400	200	155	4,23	1,2	1,2	2	2	1
KT 364.315	400	300	155	5,29	1,2	1,2	2	2	1
KT 366.315	600	300	155	7,04	1,2	1,2	3	2	2
KT 368.315	800	300	155	8,78	1,2	1,2	3	3	3



Version 1



Version 2

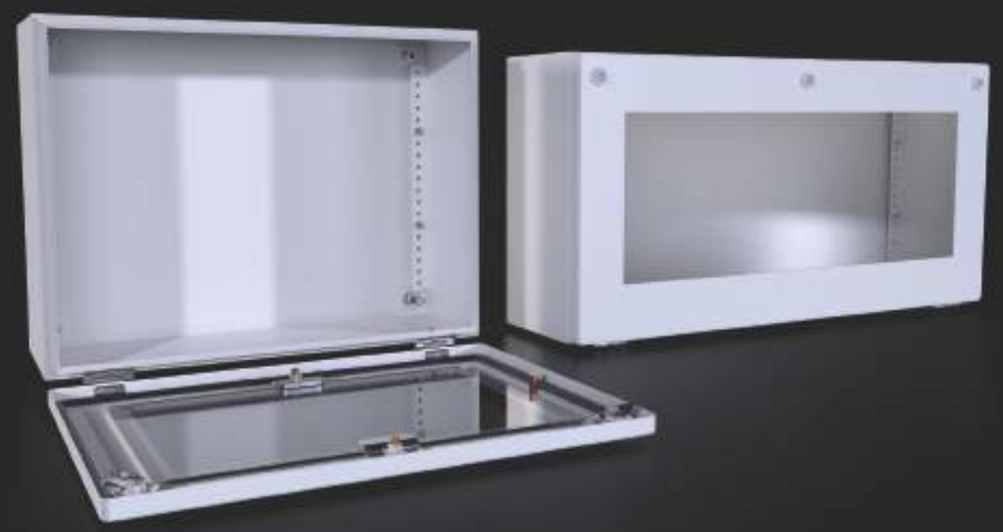


Version 3

Catalogue

Assembly Instructions

KT GLAZED DOOR BUS BOX



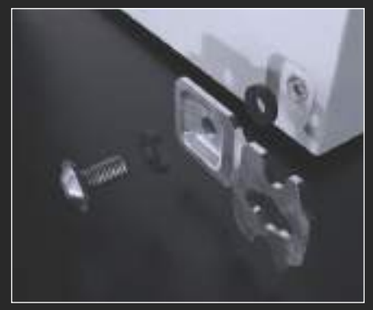
Materials : Main Body, Door Mild Steel
Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035
IP Rate : IEC EN 60529 IP 66
NEMA Rate : NEMA 4
IK Rate : IK 06

Standards : IEC 62208 (Enclosure Standards)
Corrosion Rate : C3-M based on TS EN ISO 12944-2
Warranty : KYT-72
Supply Includes : Body, Glazed Hinged Door, Assembly Parts

Please see page 382 for technical drawings.

ACCESSORIES:

Wall Bracket p.: 55



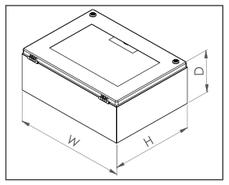
Mounting Plate p.: 60

Earthing Cable p.: 71

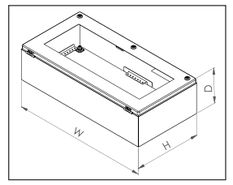
Other Accessories p.: 50

KT GLAZED DOOR BUS BOX

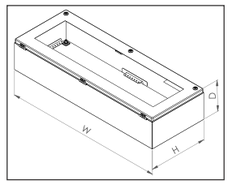
PRODUCT CODE	ENCLOSURE				STEEL THICKNESSES		COVER		
	W*	H*	D*	WEIGHT	BODY	COVER	LOCK	HINGE	VERSION
	mm	mm	mm	kg	mm	mm	pcs.	pcs.	
KT 374.215	400	200	155	4,23	1,2	1,2	2	2	1
KT 374.315	400	300	155	5,29	1,2	1,2	2	2	1
KT 376.315	600	300	155	7,04	1,2	1,2	3	2	2
KT 378.315	800	300	155	8,78	1,2	1,2	3	3	3



Version 1



Version 2

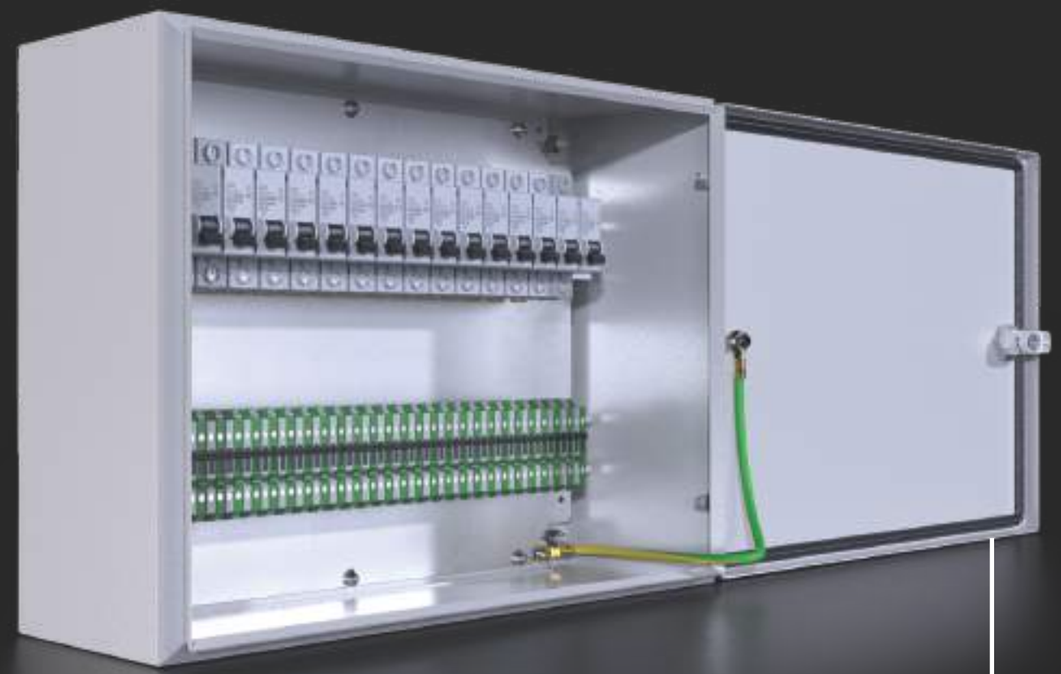


Version 3

Catalogue

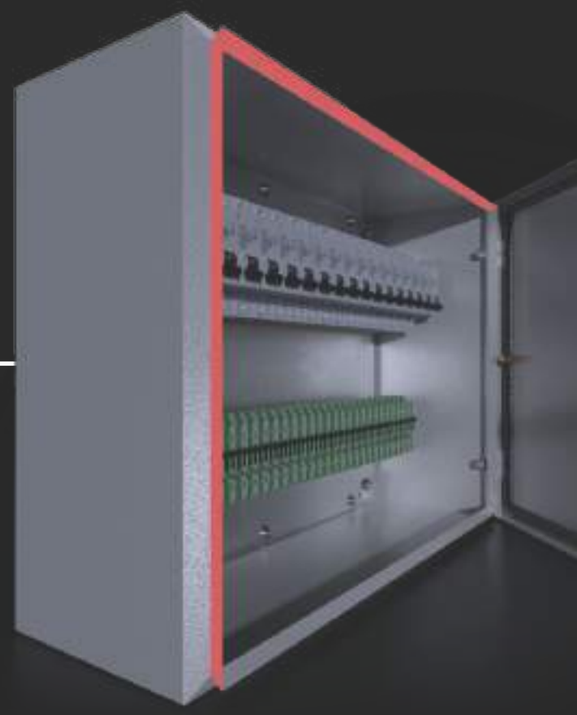
Assembly Instructions

DM SMALL / *Highlights*



Earthing integration easy access
with 180° opening hinge

Externally attachable wall bracket



Large interior volume with
thin curved body structure

Automatic-welded,
compact & durable enclosure body

Modern and stylish look with
Radius corner structure

DM-SMALL ENCLOSURE

Materials : Body and Door Mild Steel
Mounting Plate Galvanized Steel

Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IEC EN 60529 IP 66

NEMA Rate : NEMA 4

IK Rate : IK 07

Standards : IEC 62208 (Enclosure Standards)

Corrosion Rate : C3-M based on TS EN ISO 12944-2v

Warranty : KYT-72

Supply Includes : Body, Hinged Door, Mounting Plate, Assembly Parts

Please see page 383 for technical drawings.

ACCESSORIES:

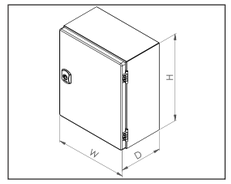
Wall Bracket p.: 55

Earthing Cable p.: 71

Other Accessories p.: 50

DM-SMALL ENCLOSURE

PRODUCT CODE	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESSES			DOOR	
	W*	H*	D*	WEIGHT	W	H	BODY	DOOR	MOUNTING PLATE	LOCK	HINGE
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs.	pcs.
DM 232.201	200	200	150	3,29	175	185	1,2	1,2	2	1	2
DM 232.251	200	250	150	3,77	175	235	1,2	1,2	2	1	2
DM 232.215	250	250	150	4,33	225	235	1,2	1,2	2	1	2
DM 232.315	250	300	150	4,90	225	285	1,2	1,2	2	1	2
DM 232.351	250	350	150	5,47	225	335	1,2	1,2	2	1	2
DM 233.315	300	300	150	5,55	275	285	1,2	1,2	2	1	2
DM 233.415	300	400	150	6,86	275	385	1,2	1,2	2	1	2
DM 234.315	400	300	150	6,84	375	285	1,2	1,2	2	1	2

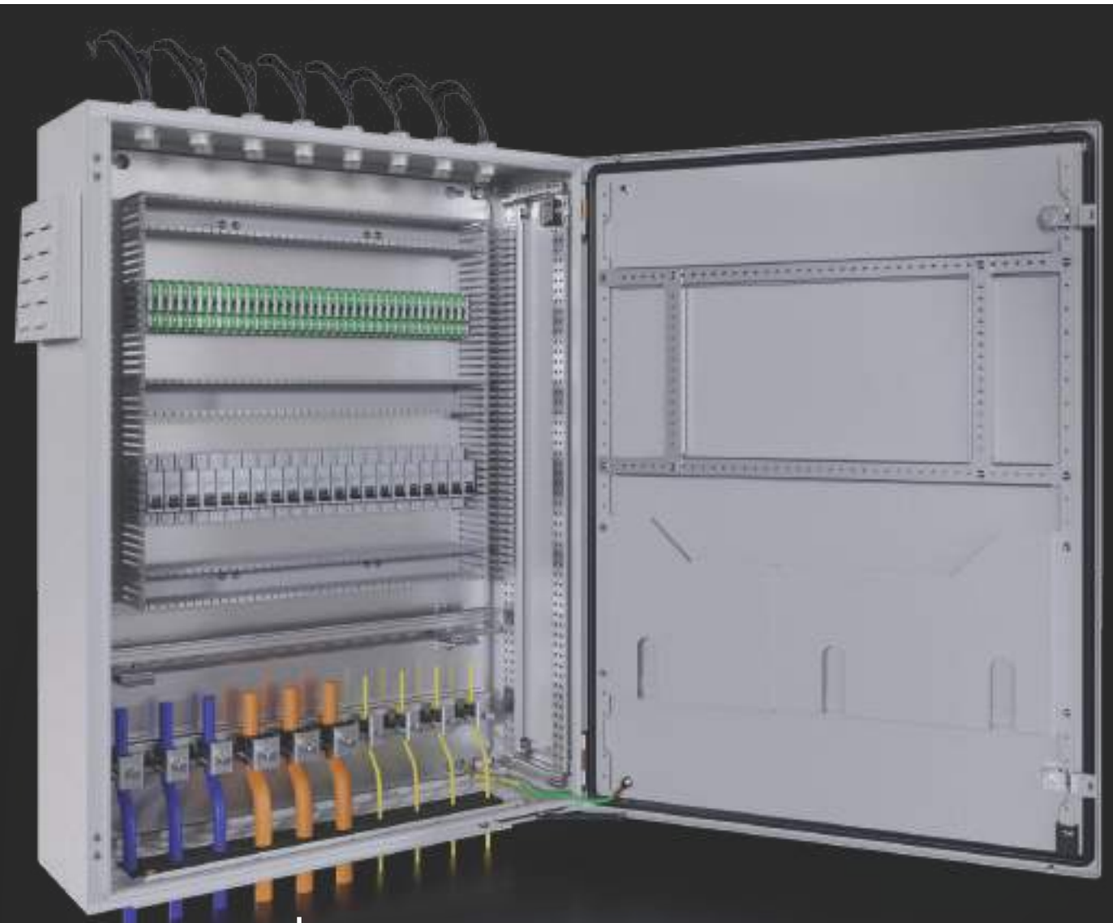


Version 1

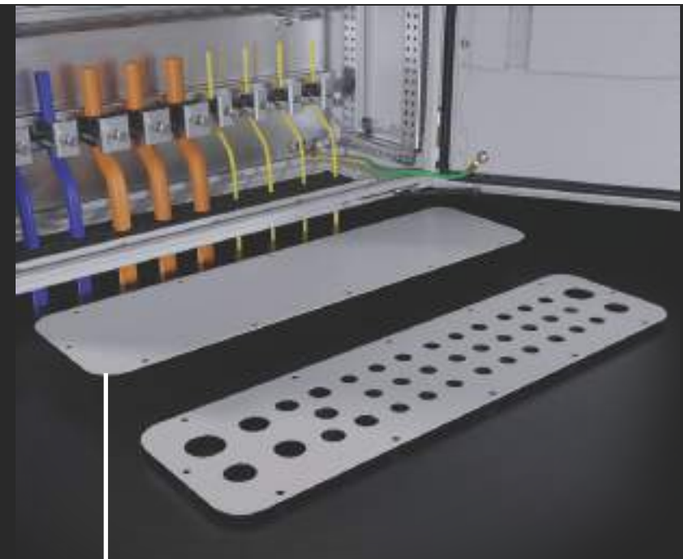
Catalogue

Assembly Instructions

DM MEDIUM / *Highlights*



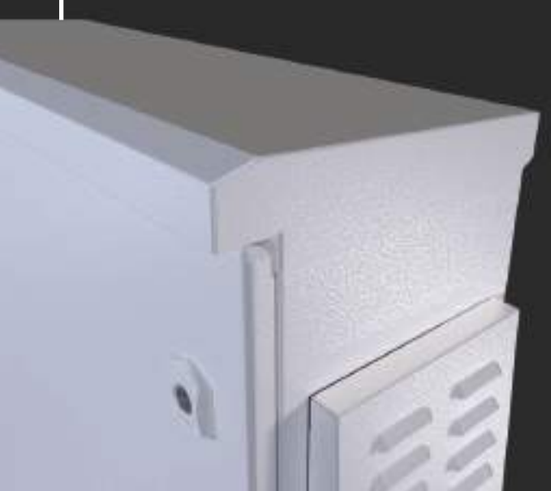
Large interior volume and wide door applications with thin curved body structure



Gland plate structure with a flat and wide usage area and earthing integration.
Safety and functionality with cable management options. Earthing integration

Stylish and modern look with Radius corner design

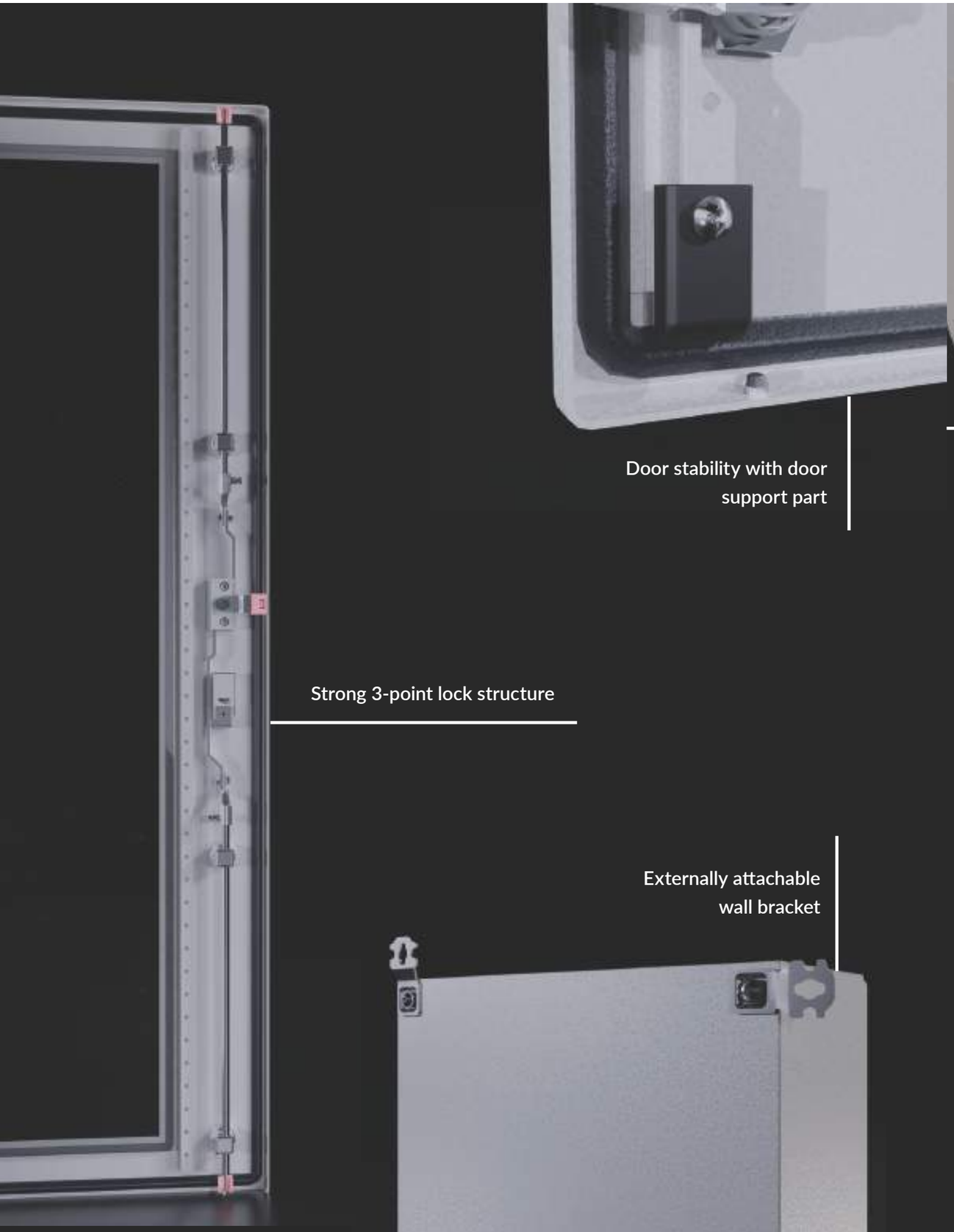
Continuous rain protection with roof option



Pole Mounting Feature

Operational use with glazed doors and internal covers

DM MEDIUM / *Highlights*



Door stability with door support part

Static durability with curved mounting plate

Easy mounting plate assembly

Strong 3-point lock structure

Externally attachable wall bracket

Automatic-welded, compact and durable body.

DM-MEDIUM SOLID DOOR ENCLOSURE

Materials : Body, Front Door, Gland Plate Mild Steel
Mounting Plate Galvanized Steel

Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IEC EN 60529
Single Door: IP 66
Double Door: IP 54

NEMA Rate : Single Door: NEMA 4
Double Door: NEMA 12

IK Rate : IK 10

Standards : IEC 62208 (Enclosure Standards)

Corrosion Rate : C3-M based on TS EN ISO 12944-2

Warranty : KYT-72

Supply Includes : Body, Hinged Door, Gland Plate, Mounting Plate, Assembly Parts

Please see page 384 for technical drawings.

ATTENTION : DM 252.321 and all of our products with a depth of 150 mm are without gland plate.

ACCESSORIES:

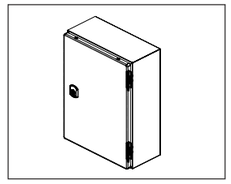
Wall Bracket p.: 55

Earthing Cable p.: 71

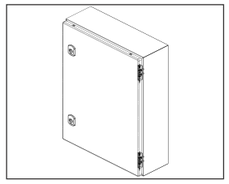
Other Accessories p.: 50

DM-MEDIUM SOLID DOOR ENCLOSURE

PRODUCT CODE	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESSES			DOOR		
	W*	H*	D*	WEIGHT	W	H	BODY	DOOR	MOUNTING PLATE	LOCK	HINGE	VERSION
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs.	pcs.	
DM 252.315	250	300	150	5,09	200	275	1,2	1,2	2	1	2	1
DM 252.321	250	300	210	6,58	200	275	1,2	1,2	2	1	2	1
DM 252.351	250	350	150	5,66	200	325	1,2	1,2	2	1	2	1
DM 253.315	300	300	150	5,75	250	275	1,2	1,2	2	1	2	1
DM 253.321	300	300	210	7,29	250	275	1,2	1,2	2	1	2	1
DM 253.415	300	400	150	7,06	250	375	1,2	1,2	2	1	2	1
DM 253.421	300	400	210	8,71	250	375	1,2	1,2	2	1	2	1
DM 253.521	300	500	210	10,13	250	475	1,2	1,2	2	2	2	2
DM 254.315	400	300	150	7,07	350	275	1,2	1,2	2	1	2	1
DM 254.421	400	400	210	10,49	350	375	1,2	1,2	2	1	2	1
DM 254.515	400	500	150	10,37	350	475	1,2	1,2	2	2	2	2
DM 254.521	400	500	210	12,25	350	475	1,2	1,2	2	2	2	2
DM 254.526	400	500	260	14,02	350	475	1,2	1,2	2	2	2	2
DM 254.530	400	500	300	15,57	350	475	1,2	1,2	2	2	2	2
DM 254.615	400	600	150	12,02	350	575	1,2	1,2	2	2	2	2
DM 254.621	400	600	210	14,01	350	575	1,2	1,2	2	2	2	2
DM 254.626	400	600	260	15,88	350	575	1,2	1,2	2	2	2	2
DM 254.630	400	600	300	17,51	350	575	1,2	1,2	2	2	2	2
DM 254.830	400	800	300	27,06	350	775	1,2	1,5	2	2	2	2



Version 1

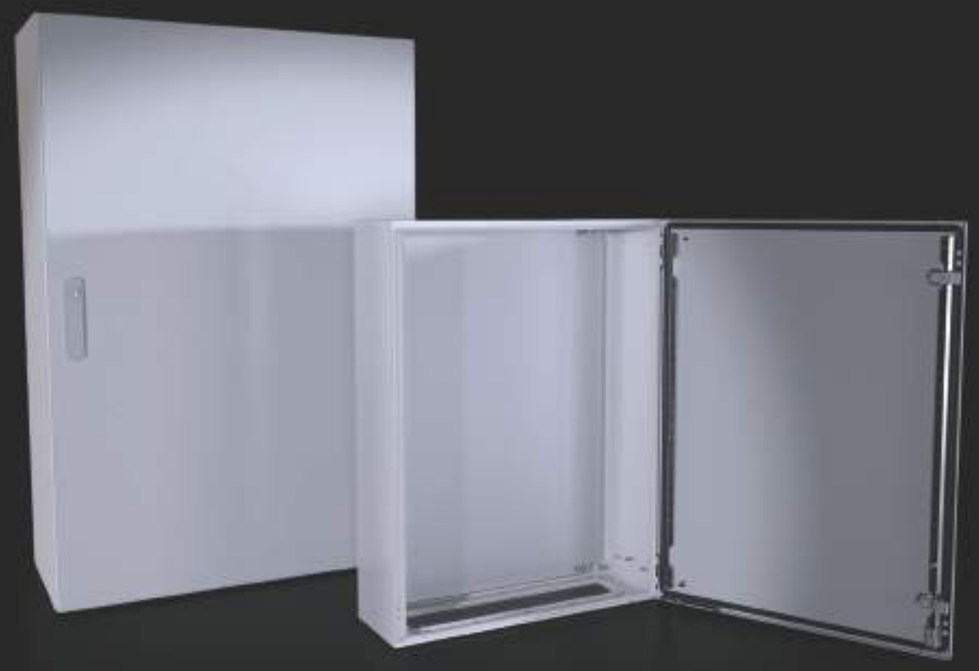


Version 2

Catalogue

Assembly Instructions

DM-MEDIUM SOLID DOOR ENCLOSURE



Materials : Body, Front Door,
Gland Plate Mild Steel
Mounting Plate Galvanized Steel

Surface Finishing : Nano Plating + Electrostatic
Powder Coating RAL 7035

IP Rate : IEC EN 60529
Single Door IP66
Double Door IP 54

NEMA Rate : Single Door: NEMA 4
Double Door: NEMA 12

IK Rate : IK 10

Standards : IEC 62208 (Enclosure Standards)

Corrosion Rate : C3-M based on TS EN ISO 12944-2

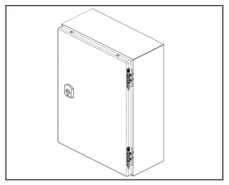
Warranty : KYT-72

Supply Includes : Body, Hinged Door, Gland Plate,
Mounting Plate, Assembly Parts

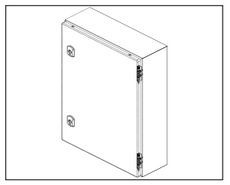
Please see page 384 for technical drawings.

DM-MEDIUM SOLID DOOR ENCLOSURE

PRODUCT CODE	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESSES			DOOR		
	W*	H*	D*	WEIGHT	W	H	BODY	DOOR	MOUNTING PLATE	LOCK	HINGE	VERSION
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs.	pcs.	
DM 255.421	500	400	210	12,26	450	375	1,2	1,2	2	2	2	1
DM 255.521	500	500	210	14,37	450	475	1,2	1,2	2	2	2	2
DM 255.530	500	500	300	18,50	450	475	1,2	1,2	2	2	2	2
DM 255.615	500	600	150	15,12	450	575	1,2	1,2	2	2	2	2
DM 255.621	500	600	210	17,22	450	575	1,2	1,5	2	2	2	2
DM 255.626	500	600	260	19,18	450	575	1,2	1,5	2	2	2	2
DM 255.630	500	600	300	20,89	450	575	1,2	1,5	2	2	2	2
DM 255.721	500	700	210	19,45	450	675	1,2	1,5	2	2	2	2
DM 255.726	500	700	260	21,50	450	675	1,2	1,5	2	2	2	2
DM 256.421	600	400	210	14,84	550	375	1,2	1,5	2	2	2	1
DM 256.621	600	600	210	20,07	550	575	1,2	1,5	2	2	2	2
DM 256.630	600	600	300	23,90	550	575	1,2	1,5	2	2	2	2
DM 256.640	600	600	400	28,88	550	575	1,2	1,5	2	2	2	2
DM 256.821	600	800	210	30,23	550	775	1,5	2	2	2	3	2
DM 256.826	600	800	260	33,03	550	775	1,5	2	2	2	3	2
DM 256.830	600	800	300	35,43	550	775	1,5	2	2	2	2	2
DM 256.840	600	800	400	42,11	550	775	1,5	2	2	2	2	2
DM 256.126	600	1000	260	39,47	550	975	1,5	2	2	2	3	3
DM 256.130	600	1000	300	42,06	550	975	1,5	2	2	2	3	3
DM 256.123	600	1200	300	48,69	550	1175	1,5	2	2	1	3	5
DM 258.630	800	600	300	29,50	750	575	1,2	2	2	2	2	2
DM 258.632	800	600	300	29,50	750	575	1,2	2	2	4	4	4
DM 258.821	800	800	210	38,18	750	775	1,5	2	2	2	2	2
DM 258.830	800	800	300	43,80	750	775	1,5	2	2	2	2	2
DM 258.126	800	1000	260	49,37	750	975	1,5	2	2	2	3	3
DM 258.130	800	1000	300	53,62	750	975	1,5	2	2	2	3	3
DM 258.123	800	1200	300	62,30	750	1175	1,5	2	2	1	3	5



Version 1



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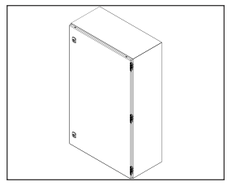

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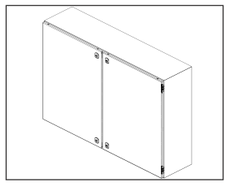
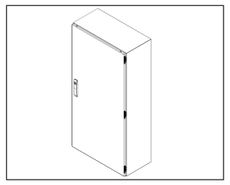


Version 4



Version 5

Catalogue

Assembly Instructions

DM-MEDIUM GLAZED DOOR ENCLOSURE

Materials : Body, Front Door, Gland Plate Mild Steel, 4-mm Transparent Tempered Glass

Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IEC EN 60529 IP 66

NEMA Rate : NEMA 4

IK Rate : IK 08

Standards : IEC 62208 (Enclosure Standards)

Corrosion Rate : C3-M based on TS EN ISO 12944-2

Warranty : KYT-72

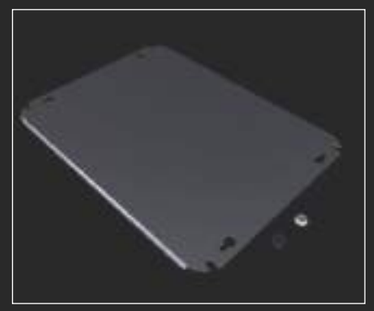
Supply Includes : Body, Glazed Hinged Door, Gland Plate, Assembly Parts

Please see page 386 for technical drawings.

ACCESSORIES:

Wall Bracket p.: 55

Mounting Plate p.: 60

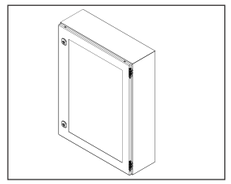


Earthing Cable p.: 71

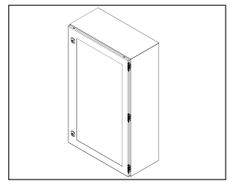
Other Accessories p.: 50

DM-MEDIUM GLAZED DOOR ENCLOSURE

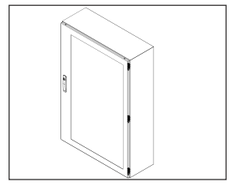
PRODUCT CODE	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESSES		DOOR		
	W*	H*	D*	WEIGHT	W	H	BODY	DOOR	LOCK	HINGE	VERSION
	mm	mm	mm	kg	mm	mm	mm	mm	pcs.	pcs.	
DM 274.521	400	500	210	9,54	350	475	1,2	1,2	2	2	1
DM 274.530	400	500	300	12,87	350	475	1,2	1,2	2	2	1
DM 274.621	400	600	210	10,73	350	575	1,2	1,2	2	2	1
DM 274.630	400	600	300	14,23	350	575	1,2	1,2	2	2	1
DM 275.621	500	600	210	13,04	450	575	1,2	1,5	2	2	1
DM 275.630	500	600	300	16,70	450	575	1,2	1,5	2	2	1
DM 275.721	500	700	210	14,53	450	675	1,2	1,5	2	2	1
DM 275.726	500	700	260	16,59	450	675	1,2	1,5	2	2	1
DM 276.621	600	600	210	14,74	550	575	1,2	1,5	2	2	1
DM 276.630	600	600	300	18,58	550	575	1,2	1,5	2	2	1
DM 276.821	600	800	210	23,08	550	775	1,5	2	2	2	1
DM 276.830	600	800	300	28,29	550	775	1,5	2	2	2	1
DM 276.126	600	1000	260	30,50	550	975	1,5	2	2	3	2
DM 276.130	600	1000	300	33,10	550	975	1,5	2	2	3	2
DM 276.123	600	1200	300	37,90	550	1175	1,5	2	1	3	3
DM 278.130	800	1000	300	40,10	750	975	1,5	2	2	3	2
DM 278.123	800	1200	300	46,00	750	1175	1,5	2	1	3	3



Version 1



Version 2



Version 3

Catalogue

Assembly Instructions

DM LARGE / *Highlights*

Large interior volume with thin curved body structure.
Wide door application area

Earthing integration

Externally attachable
wall bracket

Easy mounting plate assembly
and support system

Static durability with curved
mounting plate

DM LARGE / *Highlights*

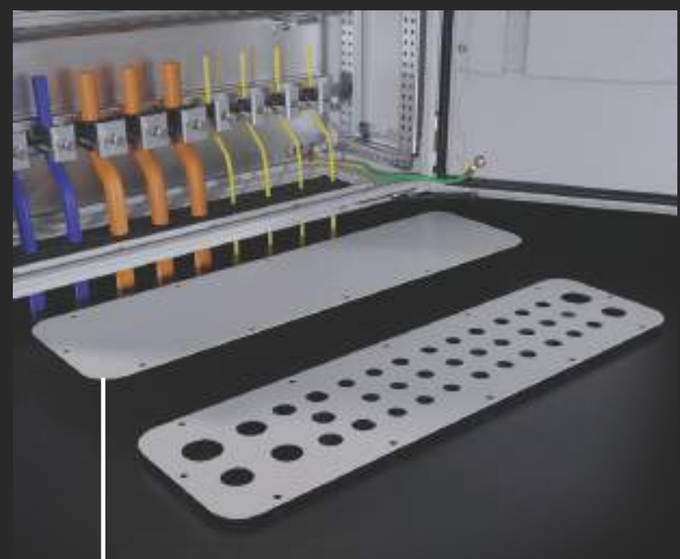
Strong 3-point lock structure

Door stability with
door support part

Modern and stylish look
with Radius corner

Continuous rain protection
with roof option

Floor standing compatibility with
ready-to-use plinth holes



Gland plate structure with a flat and wide usage area and earthing integration.
Safety and functionality with cable management options. Earthing integration

DM-LARGE ENCLOSURE

Materials : Body, Front Door, Gland Plate Mild Steel Mounting Plate Galvanized Steel

Surface Finishing : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IEC EN 60529
Single Door: IP 66
Double Door: IP 54

NEMA Rate : Single Door: NEMA 4
Double Door: NEMA 12

IK Rate : IK 10

Standards : IEC 62208 (Enclosure Standards)

Corrosion Rate : C3-M based on TS EN ISO 12944-2

Warranty : KYT-72

Supply Includes : Body, Hinged Door, Gland Plate, Mounting Plate, Assembly Parts

Please see page 387 for technical drawings.

ACCESSORIES:

Wall Bracket p.: 55

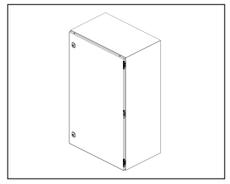
Earthing Cable p.: 71

Other Accessories p.: 50

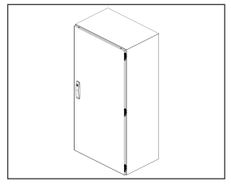
DM-LARGE ENCLOSURE

Product Code	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESS			DOOR		VERSION
	Width(W)	Height(H)	Depth(D)	Weight	Width(W)	Height(H)	Enclosure	Door	M.Plate	Lock	Hinge	
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs.	pcs.	
DM 246.140	600	1000	400	36,73	550	975	1,5	2	2	2	3	3
DM 246.124	600	1200	400	13,83	550	1175	1,5	2	2	1	3	5
DM 248.140	800	1000	400	45,55	750	975	1,5	2	2	2	3	3
DM 248.124	800	1200	400	54,36	750	1175	1,5	2	2	1	3	5
DM 241.130	1000	1000	300	57,81	950	975	1,5	2	2	4	6	4
DM 241.123	1000	1200	300	68,07	950	1175	1,5	2	2	2	6	6
DM 241.143	1000	1400	300	78,33	950	1375	1,5	2	2	2	6	6
DM 241.144	1000	1400	400	81,80	950	1375	1,5	2	2	2	6	6
DM 241.830	1200	800	300	54,63	1150	775	1,5	2	2	4	4	4
DM 241.840	1200	800	400	596,68	1150	775	1,5	2	2	4	4	4
DM 241.230	1200	1200	300	78,60	1150	1175	1,5	2	2	2	6	6
DM 241.140	1200	1200	400	81,60	1150	1175	1,5	2	2	2	6	6

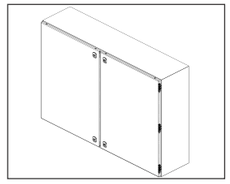
* Interial Lock Systems



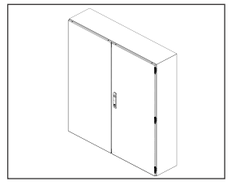
Version 3



Version 5



Version 4



Version 6

Catalogue

Assembly Instructions

PLINTH AND BASE

MODULAR PLINTH

PLINTH SIDE CARRIER

Relevance : DM - M / DM - L

Materials : 2 mm Galvanized + RAL 7012 Coating

Supply Includes: 2 x Plinth Side Carriers and Enclosure Assembly Parts

REQUIRED : Plinth Front Cover.

PRODUCT CODE	Plinth Height (mm)	Enclosure Depth (mm)
973.310	100	300
973.410	100	400
973.320	200	300
973.420	200	400

PLINTH FRONT COVER

Relevance : DM - M / DM - L / TEOS / NEO

Materials : 1.5mm. Galvanized + RAL 7012 Coating

Supply Includes: 2 x Plinth Front Cover

NOTE : 2 Sets Are Required in 200 H Selections.

PRODUCT CODE	Enclosure Width (mm)
709.150	500
709.160	600
709.180	800
709.100	1000
709.120	1200

DRAIN PLUG

Product Code : 973.500

Materials : PA6 POLYAMIDE RAL 7035

Supply Includes: 1 x gland and nut

IP Rate : IP68 ACCORDING TO IEC 60529

Balances pressure differences between inner housing and the outside enviroment
- Air permeability up to 120 litres/hour with a pressure difference of 70 mbar
- Connection thread M12 x 1.5
- For fitting in wall thicknesses up to 2 mm

VENTILATION PLUG

Product Code : 973.501 (with nuts)

Materials : PA6 POLYAMIDE RAL 7035

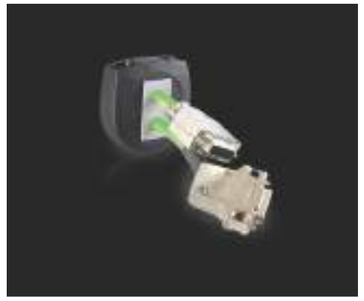
Supply Includes: 1 x gland and nut

IP Rate : IP56 ACCORDING TO IEC 60529

Prevents the formation of the water condensation in tightly-seated standart housings
- Connection thread M12 x 1.5

CABLE AND MANAGEMENT

CABLE ENTRY SYSTEM WITH SOCKET



Materials : Polipropilen (PP) , CONTA : Elastomer , UL94 V0

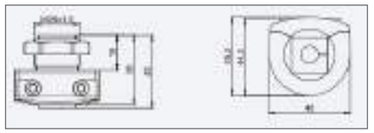
Supply Includes: 1 x Gland casing and Nut

IP Rate : IP66 ACCORDING TO IEC 60529, UL TYPE 4X

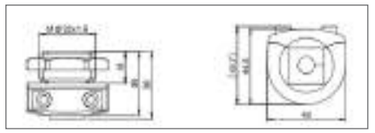
REQUIRED : Gland Insert (p 51)

NOTE : 2 Inserts should be used for model 973.504 M50/2.

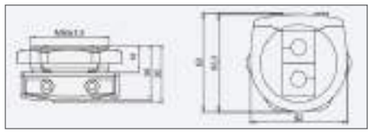
- You can use the detachable gland structure to pass the socket or the prepared cable sets of the cable entry system with a socket.
- Cables with diameter 1 to 16 mm are passed through. Sealing is ensured and also stress is reduced..
- A protection rate of IP66 according to IEC 60529 is achieved with the cable entry system with a socket.



PRODUCT CODE 973.502
M25/1 GLAND CASING

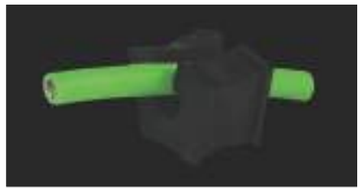


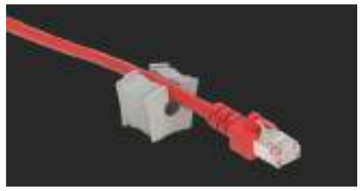
PRODUCT CODE 973.503
M32/1 GLAND CASING



PRODUCT CODE 973.504
M50/2 GLAND CASING

GLAND INSERTS





Materials : Elastomer , UL94 V0

IP Rate : IP66 ACCORDING TO IEC 60529, UL TYPE 4X

REQUIRED : Gland casing is required for using Insert Products

PRODUCT CODE	CABLE DIAMETER mm	PACKAGE QUANTITY
973.505	4 - 5	1
973.506	5 - 6	1
973.507	6 - 7	1
973.508	7 -8	1
973.509	8 - 9	1
973.510	9 - 10	1
973.511	10 - 11	1
973.512	11 - 12	1
973.513	12 - 13	1
973.514	13 -14	1
973.515	14 - 15	1
973.516	15 - 16	1

PRODUCT CODE	CABLE DIAMETER mm	PACKAGE QUANTITY
973.517	4 - 5	10
973.518	5 - 6	10
973.519	6 - 7	10
973.520	7 -8	10
973.521	8 - 9	10
973.522	9 - 10	10
973.523	10 - 11	10
973.524	11 - 12	10
973.525	12 - 13	10
973.526	13 -14	10
973.527	14 - 15	10
973.528	15 - 16	10

POLYAMIDE CABLE GLANDS

Materials : Polypropylene (PP), GASKET: Elastomer, UL94 V0

Supply Includes: Glands and Nuts

IP Rate : IP66 ACCORDING TO IEC 60529

PRODUCT CODE	TYPE	CABLE DIAMETER mm	PACKAGE QUANTITY
973.543	M12	3 - 6.5	50
973.544	M16	5 - 10	50
973.545	M20	10 - 14	50
973.546	M25	13 - 18	25
973.547	M32	18 - 25	15
973.548	M40	22 - 32	5

BRASS CABLE GLANDS

Materials : Brass, Nickel-Coated

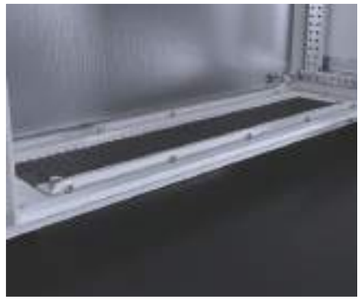
Supply Includes: Glands and Nuts

Materials : Brass, Nickel-Coated

IP Rate : IP66 ACCORDING TO IEC 60529

PRODUCT CODE	TYPE	CABLE DIAMETER mm	PACKAGE QUANTITY
973.563	M12	3 - 6.5	10
973.564	M16	5 - 10	10
973.565	M20	10 - 14	10
973.566	M25	13 - 18	10
973.567	M32	18 - 25	5
973.568	M40	22 - 32	5

GLAND PLATE WITH FOAM ENTRY (DM MEDIUM / DM LARGE)



Relevance : DM - M / DM - L

Materials : 1.5 mm Mild + RAL 7035 Coating

Supply Includes: Gland Plate, Adhesive Foam and Enclosure, Assembly Parts

NOTE : 2 pieces should be selected for enclosures with width of 800/1000/1200.

	PRODUCT CODE	ENCLOSURE	
		Width(mm)	Depth(mm)
	973.007	300	210
	973.008	400	210
	973.008	400	260
	973.009	400	300
	973.010	500	210
	973.010	500	260
	973.011	500	300
	973.012	600	210
	973.012	600	260
	973.013	600	300
	973.013	600	400
2 x	973.008	800	210
2 x	973.008	800	260
2 x	973.009	800	300
2 x	973.009	800	400
2 x	973.011	1000	300
2 x	973.011	1000	400
2 x	973.013	1200	300
2 x	973.013	1200	400

COMPACT ENCLOSURE ACCESSORIES
CABLE AND MANAGEMENT

CABLE CLAMPING SYSTEM

CABLE CONNECTION RAIL

Relevance : DM - M / DM - L

Materials : 2 mm Galvanized

Supply Includes: 1 x Cable Connection Rail and Enclosure Assembly Parts

NOTE : For enclosures with 1000 or 1200 width 500-600-wide Rails can be mounted as Double.

PRODUCT CODE	Enclosure Width	Rail Width
973.940	400	317
973.950	500	417
973.960	600	517
973.980	800	717

NOTE: To raise the rail or give it an angular raise, please see Rail Raisers (page 58)

CABLE CLAMP

Relevance : Cable Connection Rails

Materials : MILD + ZINC COATING AND POLYAMIDE CRIMPER

REQUIRED : Cable Connection Rail

PRODUCT CODE	Cable Diameter	Package Quantity
1050.0814	8 - 14	30
1050.1420	14 - 20	20
1050.2028	20 - 28	15

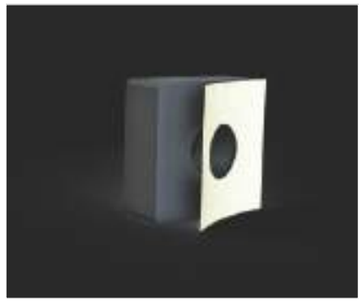
M12 EYEBOLT CARRIER

Product Code : 613.000
Relevance : DM-L
Materials : Carbon Steel + Electro-Galvanized Coating
Supply Includes: 2 x Eyebolts and Enclosure Assembly Parts

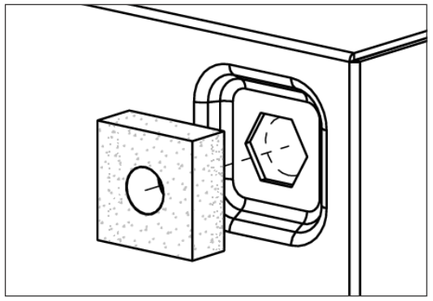
Vertical bearing capacity
For each eyebolt: F = 2000 N

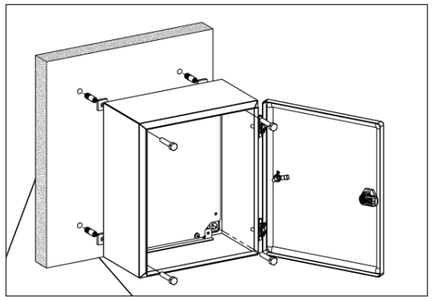
Angular bearing capacity
For each eyebolt:
45 Degrees F = 2400 N
60 Degrees F = 3200 N

ADHESIVE GASKET



Product Code : 971.400
Relevance : KT and DM Series
Materials : EPDM Gasket
Supply Includes: 4 pieces 8 mm Single-Sided EPDM Gasket
NOTE : Used as a seal in bolted connection to a flat surface where wall mount hangers cannot be used.





COMPACT ENCLOSURE ACCESSORIES
FIXING AND MOVING

WALL BRACKET

Product Code : 971.300
Relevance : KT and DM Series
Materials : 2.5 mm HRP + CR+3 Coating
Supply Includes: 4 x Wall Bracket and Enclosure Assembly Parts

Load Bearing Capacity : 2800 N - Vertical

Load Bearing Capacity : 1500 N - Horizontal

POLE MOUNT

Relevance : DM Medium 300 - 400 - 500 - 600 Width
Materials : 3 mm Galvanized
Supply Includes: 1 x Cable Connection Rail and Enclosure Assembly Parts

- Pole Diameter ; Ø 40mm. (min.) - Ø 190 mm. (max.)
- Pole Size (Square) ; □ 50mm (min.) - □ 150 mm (max.)

PRODUCT CODE	Enclosure Width (mm)
973.003	300
973.004	400
973.005	500
973.006	600

19 ‘’ ASSEMBLY

19” RAIL

Relevance : 600-wide DM-M Enclosures
Materials : 2mm Galvanized
Supply Includes: 2 x 19” Profile and Enclosure Assembly Parts
Relevance : All Lock Systems
REQUIRED : DM Depth Rail (p. 57)

PRODUCT CODE	Enclosure Height (mm)	MODEL
973.712	700	12 U - 19" Rail
973.716	800	16 U - 19" Rail
973.721	1000	21 U - 19" Rail
973.724	1200	24 U - 19" Rail

ROOF

OUTDOOR ROOF

Relevance : DM-M / DM-L
Materials : 1.5 mm Galvanized + Nano Plating + Electrostatic Powder Coating RAL 7035
Supply Includes: 1 x Outdoor Roof, 1 x Gauge + Enclosure Assembly Parts
NOTE : Recommended to be used in single door enclosures.

PRODUCT CODE	Enclosure Width (mm)	Enclosure Depth (mm
973.032	300	210
973.042	400	210
973.052	500	210
973.062	600	210
973.063	600	300
973.083	800	300
973.103	1000	300
973.064	600	400
973.084	800	400

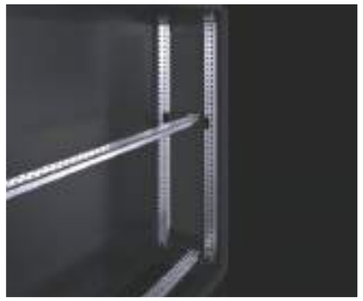
INTERIOR ASSEMBLY PRODUCTS

SIDE DEPTH RAIL

Relevance : DM-M / DM-L
Materials : 2 mm Galvanized
Supply Includes: 4 x Enclosure Depth Side Rail and Enclosure Assembly Parts

PRODUCT CODE	ENCLOSURE DEPTH(mm)
973.121	210
973.126	260
973.130	300
973.140	400

HEIGHT - WIDTH RAIL



Relevance : DM-M / DM-L
Materials : 2 mm Galvanized
Supply Includes: 1 x Width or Height Profile and Enclosure Assembly Parts
NOTE : : 2 extra connection adapters are required for Width Usage. (please see 57)
Usable at any height or width

PRODUCT CODE	ENCLOSURE HEIGHT/WIDTH (mm)
973.144	400
973.145	500
973.146	600
973.148	800
973.100	1000
973.120	1200

DEPTH INTERNAL RAIL

Relevance : DM-M / DM-L
Materials : 2 mm Galvanized
Supply Includes: 2 x Depth Internal Rail and Enclosure Assembly Parts

PRODUCT CODE	ENCLOSURE DEPTH (mm)
973.221	210
973.226	260
973.230	300
973.240	400

CONNECTION ADAPTOR

Product Code : 973.125 Relevance
Relevance : DM-M / DM-L
Materials : 2 mm Galvanized
Supply Includes: 2 x Cable Connection Rails and Enclosure Assembly Parts

DIN RAILS

Relevance : KT and DM Series

Materials : 7.5mm RAIL: 1 mm Mild+ CR+3 Coating 15mm RAIL: 1.5 mm Mild + CR+3 Coating

Supply Includes: 4 x Din Rails and Enclosure Assembly Parts.

REQUIRED : 993.105 M5X10 TAPTITE SCREW for H2000-Size product assembly (P.: 70)

NOTE : H2000-Size Products consist of 1x Din Rail

PRODUCT CODE	RAIL LENGTH (mm)	RAIL HEIGHT (mm)	Product Compatibility
956.003	195	15 mm	DM 300G Internal Partial Door
956.004	295	15 mm	DM 400G Internal Partial Door
956.005	395	15 mm	DM 500G Internal Partial Door
956.006	495	15 mm	DM 600G Internal Partial Door
956.008	695	15 mm	DM 800G Internal Partial Door
956.103	195	7,5 mm	DM 300G Internal Partial Door
956.104	295	7,5 mm	DM 400G Internal Partial Door
956.105	395	7,5 mm	DM 500G Internal Partial Door
956.106	495	7,5 mm	DM 600G Internal Partial Door
956.108	695	7,5 mm	DM 800G Internal Partial Door

RAIL RAISERS

Relevance : KT and DM Series

Materials : 2 mm Galvanized

Supply Includes: 2 x Rail Raisers and Enclosure Assembly Parts

PRODUCT CODE	PRODUCT
973.030	45-Degree Rail Raiser

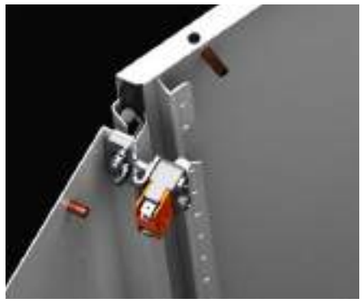
Relevance : KT and DM Series

Materials : 2 mm Galvanized

Supply Includes: 2 x Rail Raisers and Enclosure Assembly Parts

PRODUCT CODE	PRODUCT
973.031	90-Degree Rail Raiser

DOOR SWITCH



Product Code : **973.141**

Relevance : DM Series

Contact : 1NO + 1NC

Contact Current (Le) : 6 A (250 V AC)

IP Rate : IP 40

Operating Temperature : -25 °C / +80 °C

Supply Includes : 1 x Switch, 1 x Bracket and Enclosure Assembly Parts

MAGNETIC LED LAMP 35 CM.

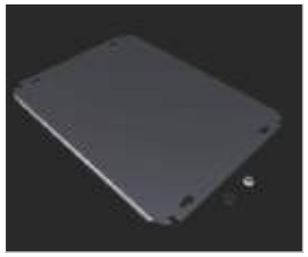
Product Code : **901.150**

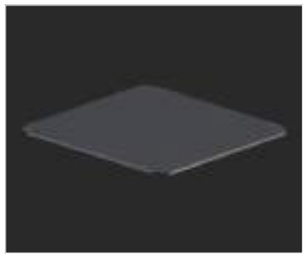
Materials : Aluminum Body and Plastic Door

Supply Includes : 1 x 35 cm. Magnetic Led Lamp and 1-meter 2-Pole connection cable

- Magnetic Assembly Structure
- 220 V AC, 5W Voltage and Power
- 400 Output Lumen

MOUNTING PLATES





	PRODUCT CODE	Enclosure Width (mm)	Enclosure Height (mm)
KT SERIES	943.111	150	150
	943.121	200	150
	943.122	200	200
	943.131	300	150
	943.132	300	200
	943.142	400	200
	943.133	300	300
	943.141	400	150
	943.143	400	300
	943.144	400	400
	943.152	500	200
	943.153	500	300
	943.162	600	200
	943.163	600	300
	943.164	600	400
	943.182	800	200
	943.184	800	400
	943.183	800	300
	943.163	600	300
DM-S SERIES	943.222	200	200
	943.225	200	250
	943.220	250	250
	943.223	250	300
	943.253	250	350
	943.233	300	300
	943.234	300	400
	943.243	400	300
DM-M SERIES	943.334	400	400
	943.335	500	500
	943.344	300	400
	943.345	500	500
	943.346	400	600
	943.348	800	800
	943.354	500	400
	943.355	500	500
	943.356	500	600
	943.357	500	700
DM-L SERIES	943.364	600	400
	943.366	600	600
	943.368	600	800
	943.361	600	1000
	943.362	600	1200
	943.386	800	600
	943.388	800	800
	943.381	800	1000
	943.382	800	1200
	943.311	1000	1000
	943.312	1000	1200
	943.314	1000	1400
	943.318	1200	800
	943.322	1200	1200

Relevance : KT - DM Series

Materials : 2 mm Galvanized

Supply Includes: 1 x Mounting Plate and Enclosure Assembly Parts

COMPACT ENCLOSURE ACCESSORIES

INTERNAL PANELS AND MODULES

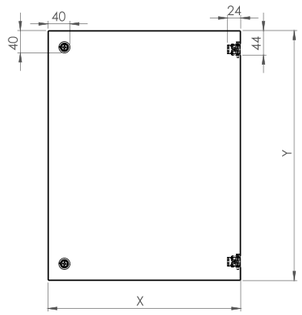
SOLID INTERIOR DOOR

Relevance : DM-M / DM-L

Materials : 1,2 mm Mild + Nano Plating + Electrostatic Powder Coating RAL 7035

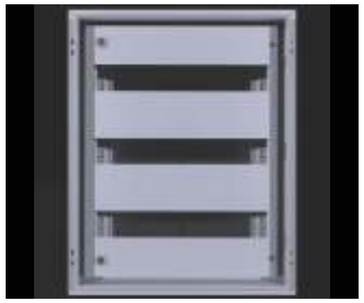
Supply Includes: 1 x Solid Interior Door, 2 x Interior Door Vertical Profile, 2 x Bottom-Top Closure and Enclosure Assembly Parts

IP Rate : IP3XD ACCORDING TO IEC 60529



PRODUCT CODE	ENCLOSURE WIDTH (mm*)	ENCLOSURE HEIGHT (mm*)	X (mm*)	Y (mm*)
975.034	300	400	244	348
975.044	400	400	344	348
975.045	400	500	344	448
975.046	400	600	344	548
975.057	500	700	444	648
975.068	600	800	544	748
975.610	600	1000	544	948
975.612	600	1200	544	1148
975.810	800	1000	744	948
975.812	800	1200	744	1148

INTERIOR DOOR FOR MCB



Relevance : DM-M / DM-L

Materials : 1,2 mm DKP + Nano Plating + Electrostatic Powder Coating RAL 7035

Supply Includes: 1 x Interior Door for MCB, 2 x Interior Door Vertical Profile, 2 x Top-Bottom Closure, Clips Terminal Rails Suitable for Interior Door and Enclosure Assembly Parts

IP Rate : IP3XC ACCORDING TO IEC 60529

PRODUCT CODE	ENCLOSURE WIDTH (mm*)	ENCLOSURE HEIGHT (mm*)	TOTAL MCB	NUMBER OF ROWS
973.034	300	400	22	2
973.044	400	400	34	3
973.045	400	500	51	3
973.046	400	600	68	4
973.057	500	700	110	5
973.068	600	800	162	6
973.610	600	1000	196	7
973.612	600	1200	224	8
973.810	800	1000	273	7
973.812	800	1200	312	8

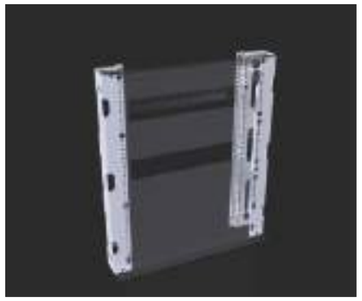
MODULAR INTERIOR DOOR SYSTEMS

FRAME SET

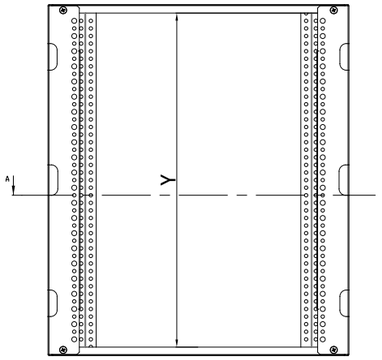
Relevance : DM-M / DM-L

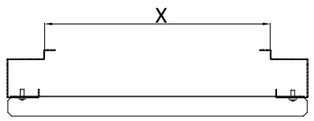
Materials : 1.2 Mild + Nano Plating + Electrostatic Powder Coating RAL 7035

Supply Includes: 2 x Internal Partial Door Vertical Profile, Cover Frame Top - Bottom Closure and Enclosure Assembly Parts



PRODUCT CODE	ENCLOSURE WIDTH (mm)	ENCLOSURE HEIGHT (mm)	X (mm)	Y (mm)
956.034	300	400	195	340
956.044	400	400	295	340
956.045	400	500	295	440
956.046	400	600	295	540
956.057	500	700	395	640
956.068	600	800	495	740
956.610	600	1000	495	940
956.612	600	1200	495	1140
956.810	800	1000	695	940
956.812	800	1200	695	1140





COMPACT ENCLOSURE ACCESSORIES

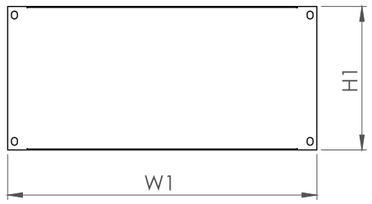
INTERNAL PANELS AND MODULES

INTERNAL PARTIAL DOOR

Relevance : DM-M / DM-L

Materials : 1,2 Mild + RAL 7035 Coating

Supply Includes: 1 x Internal Partial Door and Enclosure Assembly Parts



PRODUCT CODE	Enclosure Width (W)	Cover Net Width (W1)	Cover Net Height (H1)	MCB
955.306	300	242,75	60	-
955.406	400	342,75	60	-
955.506	500	442,75	60	-
955.606	600	542,75	60	-
955.806	800	742,75	60	-
955.308	300	242,75	80	-
955.408	400	342,75	80	-
955.508	500	442,75	80	-
955.608	600	542,75	80	-
955.808	800	742,75	80	-
955.301	300	242,75	100	-
955.401	400	342,75	100	-
955.501	500	442,75	100	-
955.601	600	542,75	100	-
955.801	800	742,75	100	-
955.312	300	242,75	120	-
955.412	400	342,75	120	-
955.512	500	442,75	120	-
955.612	600	542,75	120	-
955.812	800	742,75	120	-
955.313	300	242,75	120	+
955.413	400	342,75	120	+
955.513	500	442,75	120	+
955.613	600	542,75	120	+
955.813	800	742,75	120	+
955.316	300	242,75	160	-
955.416	400	342,75	160	-
955.516	500	442,75	160	-
955.616	600	542,75	160	-
955.816	800	742,75	160	-
955.317	300	242,75	160	+
955.417	400	342,75	160	+
955.517	500	442,75	160	+
955.617	600	542,75	160	+
955.817	800	742,75	160	+
955.420	400	342,75	200	-
955.520	500	442,75	200	-
955.620	600	542,75	200	-
955.820	800	742,75	200	-

INTERNAL PANELS AND MODULES

PARTIAL MOUNTING PLATE

Relevance : DM - M / DM - L / TEOS / NEO / NEO Mb

Materials : 2 mm Galvanized

Supply Includes: 1 x Partial Mounting Plate

REQUIRED : For DM - M / DM - L;
4 x plug-in rail holders and 4 x Mounting Plate Side Rail are needed to mount the Mounting Plate
944.420 (x 100) (with bolts)
944.421 (x 12) (with bolts)
956.001 (x 4) (with bolts)

PRODUCT CODE	ENCLOSURE WIDTH (W)	PLATE NET WIDTH (W1)	PLATE NET HEIGHT (H1)
944.442	400	295	150
944.443	400	295	175
944.444	400	295	200
944.445	400	295	250
944.446	400	295	300
944.447	400	295	400
944.448	400	295	500
944.449	400	295	600
944.450	500	395	400
9444.51	600	495	150
944.452	600	495	175
944.453	600	495	200
944.454	600	495	250
944.455	600	495	300
944456	600	495	400
944.457	600	495	500
944.458	600	495	600
944.467	800	695	150
944.468	800	695	175
944.469	800	695	200
944.470	800	695	250
944.471	800	695	300
944.472	800	695	400
944.473	800	695	500
944.474	800	695	600

COMPACT ENCLOSURE ACCESSORIES

INTERNAL PANELS AND MODULES

PARTIAL MOUNTING PLATE SIDE RAIL

Product Code : 956.001

Relevance : DM - M DM - L

Materials : 2 mm Galvanized

Supply Includes: 4 x Partial Mounting Plate Side Rail and Enclosure Assembly Parts

PLUG-IN RAIL HOLDER

Product Code : 944.421
944.420

Relevance : TEOS / NEO Modular / NEO Mb / DM - M / DM - L

Materials : 2 mm. Mild + Zinc-Coating

Supply Includes: 944.420 (x 12, With Bolts)
944.420 (x 100, With Bolts)

ALUMINUM TERMINAL RAIL

Relevance : DM-M / DM-L

Materials : Etial 160 AL

Supply Includes: Aluminum Terminal Rail and Assembly Parts
(Aluminum Terminal Rail for DM Inner Covers)

REQUIRED : A frame set is required for using aluminum terminal rails.
(please see p. 62)

PRODUCT CODE	ENCLOSURE WIDTH	RAIL LENGTH (A)
956.400	400	263
956.500	500	363
956.600	600	463
956.800	800	663

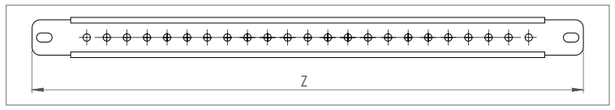
DOOR SUPPORT RAILS

Relevance : DM-M, DM-L

Materials : 1,5 mm. Galvanized

Supply Includes: 1 x Door Support Rail and Assembly Parts

PRODUCT CODE	RAIL LENGTH (Z)	DM DOOR SUPPORT RAIL	DM COMPATIBLE PRODUCT CODE							
973.023	343	400 G	254.315	254.421	254.515	254.521	254.526	254.530	254.621	254.615
			254.626	254.630	254.830	-	-	-	-	-
973.024	443	500 G 1000 G	255.421	255.521	255.530	255.615	255.621	255.626	255.630	255.721
			255.726	281.130	-	-	-	-	-	-
973.025	383	1000 G	281.123	281.143	281.144	-	-	-	-	-
973.026	543	600 G - 1200 G	256.421	256.621	256.630	256.640	256.821	256.826	256.830	256.840
			256.126	256.130	286.140	281.830	281.840	-	-	-
973.027	483	1200 G	256.123	286.124	281.230	281.140	-	-	-	-
973.028	743	800 G	258.630	258.632	258.821	258.830	258.126	258.130	288.140	-
973.029	683	800 G	258.123	288.124	-	-	-	-	-	-



METAL PLAN POCKET

Relevance : DM-M / DM-L

Materials : 1.2 mm. Mild + RAL 7035 Coating

Supply Includes: 1 x Plan Pocket Set and Enclosure Assembly Parts

PRODUCT CODE	ENCLOSURE WIDTH (mm)
973.442	400-500-1000
973.542	600-1200
973.742	800

COMPACT ENCLOSURE ACCESSORIES

DOORS AND COVERS

PLASTIC PLAN POCKET

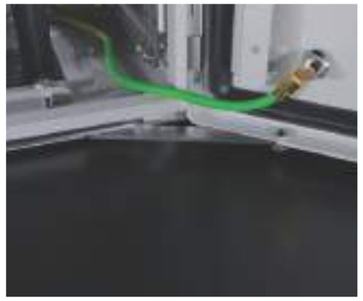
Relevance : DM-M / DM-L

Materials : ABS RAL 7035

Supply Includes: 1 x Plan Pocket Set and Enclosure Assembly Parts

PRODUCT CODE	DIMENSIONS
994.400	A4
994.500	A5

DOOR STOPPER



Product Code : 973.142

Relevance : DM-M / DM-L

Materials : 2 mm. Mild + CR+3 Coating

Supply Includes: 1 x Door Stopper and Enclosure Assembly Parts

LOCKS

SMALL LOCK INSERT OPTIONS

5 mm Doublebit Insert Lock

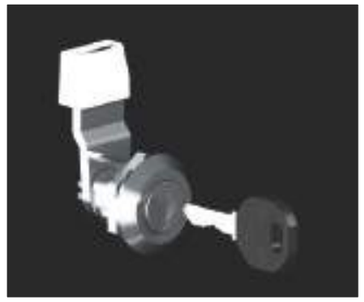
Square Insert Lock

9 mm Triangular Insert Lock

Relevance : Quarter-Turn Locks
Materials : Zamak + Nickel-Coated Product
Supply Includes: 1 x Insert
REQUIRED : The key should be ordered separately. (p. 69)

PRODUCT CODE	MODEL
951.260	5 mm Double-bit
951.261	8 mm Square
951.262	9 mm Triangular

CAMLOCK WITH 5333 EUROKEY



Product Code : **950.212** (DM-S), **950.211** (DM-M/DM-L)
Materials : Zamak + Zinc-Coating
Supply Includes: 1 x Encrypted Cylindrical Lock and Key

T-HANDLE LOCK

Product Code : **950.210**
Materials : Zamak + Black Coating
Supply Includes: 1 x T-Handle Lock and Key

COMPACT ENCLOSURE ACCESSORIES

LOCKS

HANDLE LOCK

Relevance : DM-M / DM-L
Materials : Zamak + RAL 7035 Supply
Supply Includes: 1 x Handle Lock
REQUIRED : The key should be ordered separately for doublebit, triangular and square insert models.

PRODUCT CODE	MODEL
950.203	5 mm Double-bit
950.202	8 mm Square
950.201	9 mm Triangular
950.200	Eurokey (5333)

KEYS

Relevance : All Lock Systems
Materials : Zamak + Zinc-Coating
Supply Includes: 1 x Eurokey Key: 2 x

PRODUCT CODE	MODEL
952.101	5 mm Double-bit
952.102	8 mm Square
952.103	9 mm Triangular
952.300	Eurokey (5333)

SELF-TAPPING SCREWS

5X10 TAPTITE SCREW

Product Code : 993.105

Supply Includes: 100 x Screws

Self-tapping steel screw in holes with 4.50 mm diameter

M4,8X9,5 FLAT-TIP STEEL SCREW

Product Code : 993.110

Supply Includes: 20 x Screws

Used as DM-M Gland Plate Mounting Screw

SELF-DRILLING SCREW

Product Code : 993.106

Supply Includes: 100 x Screws

Self-Drilling and Self-Tapping Screws

MOUNTING ACCESSORIES

EARTHING CABLES

YELLOW GREEN EARTHING CABLE

PRODUCT CODE	DIMENSIONS	PACKAGE QUANTITY	DIAMETER	ENCLOSURE DEPTH (mm)
991.208	16mm² x 210mm	5 x	M8	150/210
991.209	16mm² x 260mm	5 x	M8	260/300
991.210	16mm² x 310mm	5 x	M8	400

KNITTED EARTHING CABLE

PRODUCT CODE	DIMENSIONS	PACKAGE QUANTITY	DIAMETER	ENCLOSURE DEPTH (mm)
991.203	12x3x260	1 x	M6	150/210/260/300
991.201	10x2x260	10 x	M6	150/210/260/300
991.204	15x3x260	1 x	M8	150/210/260/300
991.202	15x3x260	5 x	M8	150/210/260/300

PERFORMANCE SUPPORT PRODUCTS

AIR FILTERS

Materials : ABS RAL 7035
IP Rate : IP5X
Supply Includes: 1 x Air Filter, Replaceable Fiber Filter

PRODUCT CODE	Filter Dimensions	Enclosure Depth (mm)
983.104	105x105	150-400
983.106	150x150	210/260/300/400

FAN WITH AIR FILTERS

Materials : ABS RAL 7035
FAN : EBM Brand
IP Rate : IP5X
Supply Includes: 1 x Air Filter and Fan Replaceable Fiber Filter

PRODUCT CODE	Filter Dimensions	Fan Power	Air Flow Rate (m^3/saat)	Enclosure Depth (mm)
983.119	105x105	230V AC-12W	20m^3	150-400
983.131	150x150	230V AC-19W	60m^3	210/260/300/400

RAIN CANOPY FOR AIR FILTER

Materials : 1,5 mm. Galvanized + RAL 7035
IP Rate : IPX3
Supply Includes: Ventilation, Gauge and Enclosure Assembly Parts for 1 x Rain Canopy

PRODUCT CODE	Compatible Filter Size	Canopy Size	Enclosure Depth (mm)
973.105	105x105	155x145	210/260/300/400
973.150	150x150	200x190	210/260/300/400

ENCLOSURE HEATERS

Heating Component : PTC Semi Conductor
Heating Body : Anodized Aluminum Profile
Body Temperature : 75-130 °C
IP Rate : IP20
Connection 0.75 - 1.50 mm², with screw terminal

- 110-230 V AC/DC
- Conforms to the CE Norm
- Mounting on 35 mm DIN rails with clips

PRODUCT CODE	Power (W)	Body Temperature	Width (mm)	Height (mm)	Depth (mm)
984.100	20	85	82	65	42
984.200	30	85	82	75	42
984.300	50	85	82	85	42
984.400	75	125	82	105	42
984.500	100	125	82	120	42
984.600	125	125	82	150	42
984.700	150	125	82	190	42

AIR CONDITIONING

THERMOSTATS

FAN THERMOSTAT

Product Code : 983.011
Supply Includes : 1 x Fan Thermostat
IP Rate : IP20
Sensor Component: Bimetallic Thermostat

- Conforms to the CE Norm
- Mounting on 35 mm DIN rails
- 0.75-1.50mm² connection
- With Normally Open Contact (NO)

HEATER THERMOSTAT

Product Code : 983.012
Supply Includes : 1 x Heater Thermostat
IP Rate : IP20
Sensor Component: Bimetallic Thermostat

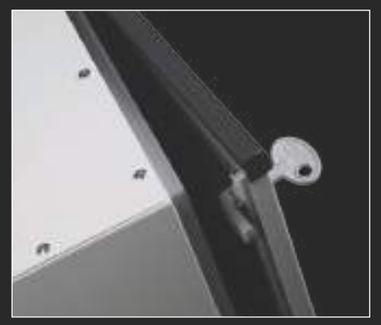
- Conforms to the CE Norm
- Mounting on 35 mm DIN rails
- 0.75-1.50mm² connection
- With Normally Closed Contact (NC)
- 110-230 V AC/DC 10A

H YGROSTAT

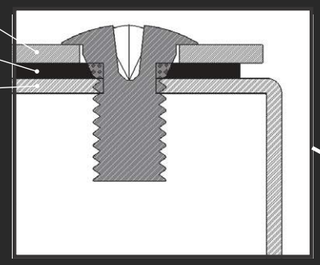
Product Code : 983.013
Supply Includes : 1 x Hygrostat
IP Rate : IP20
Sensor Component: Bimetallic Thermostat

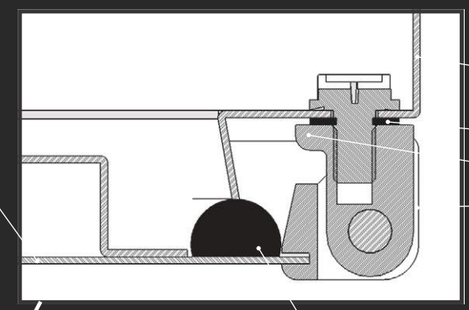
- Conforms to the CE Norm
- Mounting on 35 mm DIN rails
- 0.75-1.50mm² connection
- With Both Normally Open and Normally Closed Contacts (NO/NC)
- For both cooling and heating applications.
- 110-230 V AC/DC 10A

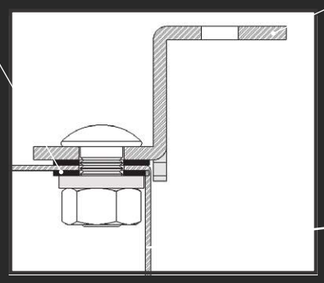
ARES / *Highlights*

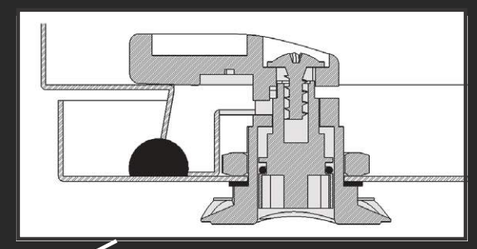


ARES / *Highlights*

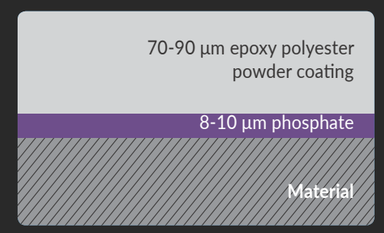








500 hours of foggy salt resistance test
Homogeneous coating dispersion



ARES SOLID DOOR with MOUNTING PLATE

Material : Enclosure and parts, door : 1,00 - 1,50 mm mild steel
Mounting plate : 1,50 – 2,00 mm Galvanized steel

Surface Process : Mild Steel Parts : Nano Plating + Electrostatic Powder Coating RAL 7035
Mounting Plate : Galvanized

IP Rate : IP 66, (EN 60 529)

Supply Includes : 1 pcs body,1 set bottom-top lid, 1 pcs front door, 2 pcs support rails, 1 pcs door key, 1 pcs mounting plate

Please see page 388 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

Wall Bracket p.: 91

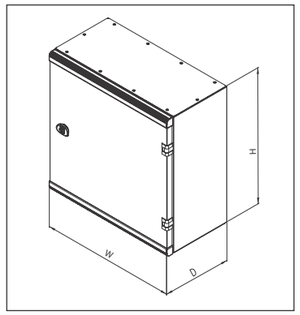
Other Accessories p.: 86

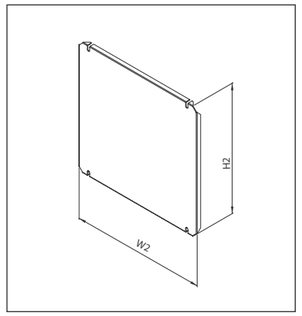
COMPACT ENCLOSURES

ARES SOLID DOOR with MOUNTING PLATE

PRODUCT CODE	WIDTH (W)	HEIGHT (H)	DEPTH (D)	W2 (mm)	H2 (mm)	LOCK	HINGE	WEIGHT (kg)
101.250*	300	400	150	249	334	1	2	5,5
101.251*	300	400	200	249	334	1	2	6
101.252*	400	400	200	349	334	1	2	7,5
101.253*	400	500	200	349	414	1	2	9
101.254	400	600	200	349	534	2	2	10,5
101.255	400	600	280	349	534	2	2	11,8
101.265	500	500	200	449	434	2	2	11,4
101.266	500	500	280	449	434	2	2	13,4
101.256	500	600	200	449	534	2	2	13,1
101.257	500	700	200	449	634	2	2	14,9
101.258	500	700	280	449	634	2	2	16,5
101.259	600	800	200	549	734	2	2	19,5
101.260	600	800	280	549	734	2	2	21,3
101.261	600	1000	280	549	934	2	3	34,1
101.262	600	1150	280	549	1084	3	3	36,4
101.267	800	800	200	749	734	2	2	24,6
101.268	800	800	280	749	734	2	2	27,9
101.263	800	1000	280	749	934	2	3	40,7
101.264	800	1150	280	749	1084	3	3	46,1

* Marked codes do not include support rails.





Catalogue

ARES SOLID DOOR, without MOUNTING PLATE

Material : Enclosure and parts, door : 1,00 – 1,50 mm mild steel

Surface Process : Mild Steel Parts : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IP 66, (EN 60 529)

Supply Includes : 1 pcs body, 1 set bottom-top lid, 1 pcs front door, 2 pcs door support rail, 1 pcs door key.

Please see page 388 for technical drawings.

ACCESSORIES:

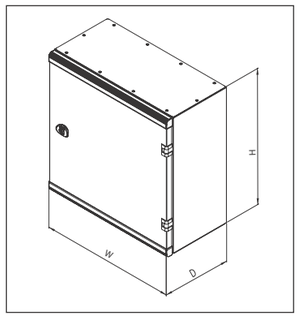
Knitted Earthing Cable p.: 91

Wall Bracket p.: 91

Other Accessories p.: 86

ARES SOLID DOOR, without MOUNTING PLATE

PRODUCT CODE	WIDTH (W)	HEIGHT (H)	DEPTH (D)	LOCK	HINGE	WEIGHT (kg)
ARES 101.350	300	400	150	1	2	4,8
ARES 101.351	300	400	200	1	2	5,4
ARES 101.352	400	400	200	1	2	6,7
ARES 101.353	400	500	200	1	2	8,3
ARES 101.354	400	600	200	2	2	9,3
ARES 101.355	400	600	280	2	2	10,8
ARES 101.365	500	500	200	1	2	8,1
ARES 101.366	500	500	280	1	2	9,4
ARES 101.356	500	600	200	2	2	11,5
ARES 101.357	500	700	200	2	2	12,7
ARES 101.358	500	700	280	2	2	15
ARES 101.359	600	800	200	2	3	16,2
ARES 101.360	600	800	280	2	3	18,4
ARES 101.361	600	1000	280	2	3	25,5
ARES 101.362	600	1150	280	3	3	36
ARES 101.367	800	800	200	2	2	15,2
ARES 101.368	800	800	280	2	2	16,3
ARES 101.363	800	800	280	2	2	32,3
ARES 101.364	800	1150	280	3	2	36,6



Catalogue

ARES GLAZED DOOR with MOUNTING PLATE

Material : Enclosure and parts, door : 1,00-1,50 mm mild steel
Mounting plate : 1,50 – 2,00 mm Galvanized steel

Surface Process : Mild steel parts : Nano Plating + Electrostatic Powder Coating RAL 7035
Mounting plate : Galvanized Steel

IP Rate : IP 54, (EN 60 529)

Supply Includes : 1 pcs body, 1set bottom-top lid, 1 pcs front glazed door, 2 pcs support rails, 1 pcs door key ,1 pcs mounting plate

Please see page 388 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

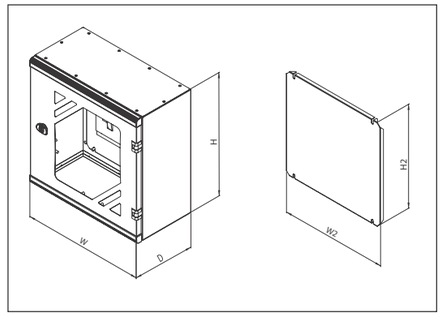
Wall Bracket p.: 91

Other Accessories p.: 86

COMPACT ENCLOSURES

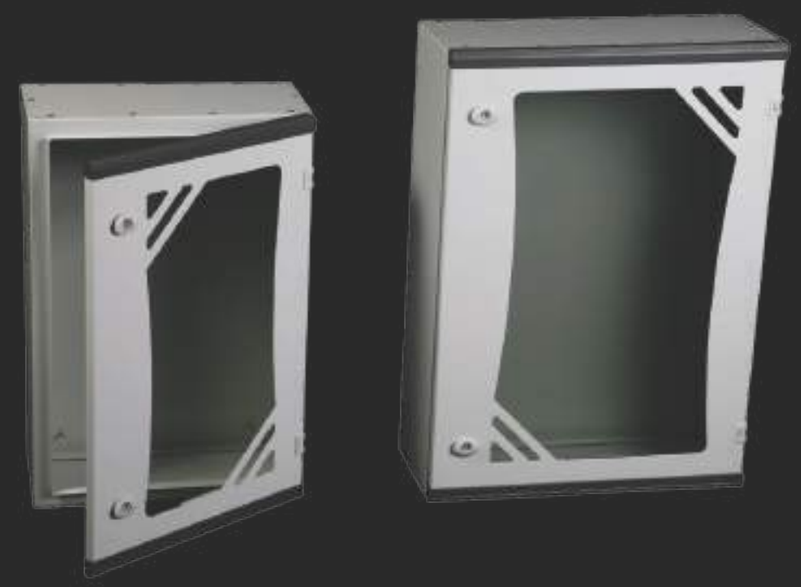
ARES GLAZED DOOR with MOUNTING PLATE

PRODUCT CODE	WIDTH (W)	HEIGHT (H)	DEPTH (D)	W2 (mm)	H2 (mm)	LOCK	HINGE	WEIGHT (kg)
ARES 101.453	400	500	200	349	434	1	2	13
ARES 101.454	400	600	200	349	534	2	2	14
ARES 101.455	400	600	280	349	534	2	2	16
ARES 101.465	500	500	200	449	434	1	2	13
ARES 101.466	500	500	280	449	434	1	2	14
ARES 101.456	500	600	200	449	634	2	2	16,5
ARES 101.457	500	700	200	549	734	2	2	18,5
ARES 101.458	500	700	280	549	734	2	2	19,5
ARES 101.459	600	800	200	549	934	2	3	22
ARES 101.460	600	800	280	549	1084	2	3	24
ARES 101.461	600	1000	280	749	934	2	3	36
ARES 101.462	600	1150	280	749	1084	3	3	39
ARES 101.467	800	800	200	749	734	2	2	28,5
ARES 101.468	800	800	280	749	734	2	2	30
ARES 101.463	800	1000	280	549	934	2	3	44
ARES 101.464	800	1150	280	549	1084	3	3	51



Catalogue

ARES GLAZED DOOR without MOUNTING PLATE



Material : Enclosure and parts, door : 1,00- 1,50 mm mild steel

Surface Process: : Mild steel parts : Nano Plating + Electrostatic Powder Coating RAL 7035

IP Rate : IP 54, (EN 60 529)

Supply Includes : 1 pcs body, 1 set bottom-top lid,1 pcs front glazed door, 2 pcs support rails, 1 pcs door key

Please see page 388 for technical drawings.

ACCESSORIES:

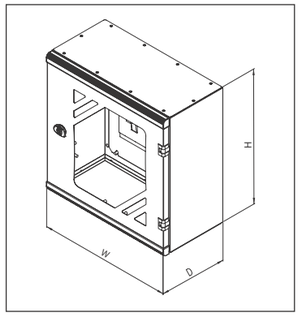
Knitted Earthing Cable p.: 91

Wall Bracket p.: 91

Other Accessories p.: 86

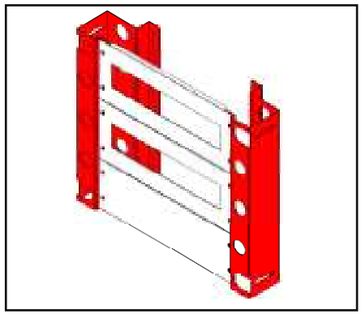
ARES GLAZED DOOR without MOUNTING PLATE

PRODUCT CODE	WIDTH (W)	HEIGHT (H)	DEPTH (D)	LOCK	HINGE	WEIGHT (kg)
ARES 101.553	400	500	200	1	2	12
ARES 101.554	400	600	200	2	2	13
ARES 101.555	400	600	280	2	2	15
ARES 101.565	500	500	200	1	2	13
ARES 101.566	500	500	280	1	2	14
ARES 101.556	500	600	200	2	2	15,5
ARES 101.557	500	700	200	2	2	17
ARES 101.558	500	700	280	2	2	20
ARES 101.559	600	800	200	2	3	21
ARES 101.560	600	800	280	2	3	24
ARES 101.561	600	1000	280	2	3	34
ARES 101.562	600	1150	280	3	3	35
ARES 101.567	800	800	200	2	3	28,5
ARES 101.568	800	800	280	2	3	30
ARES 101.563	800	1000	280	2	3	42
ARES 101.564	800	1150	280	3	3	50



Catalogue

MAIN INTERIOR SUPPORT RAILS

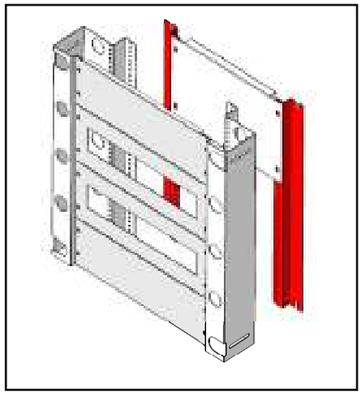


Material : Mild steel, RAL7035 powder-coating.

Supply includes : 2 pcs support rails and assembly parts.

	ENCLOSURE	
PRODUCT CODE	HEIGHT (H)	VERTICAL PROFILE HEIGT
943.801	400	340
943.802	500	440
943.803	600	540
943.804	700	640
943.805	800	740
943.806	1000	940
943.807	1150	1090

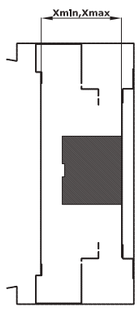
INTERIOR MOUNTING RAILS



Material : Mild steel, RAL7035 powder-coating.

Supply includes : 2 pcs rails and assembly parts.

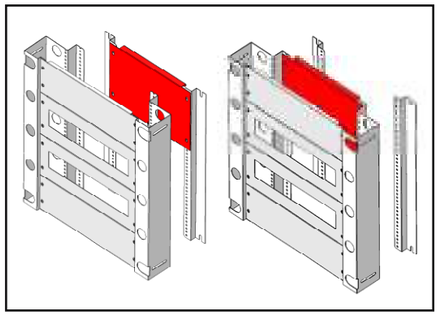
PRODUCT CODE	ENCLOSURE HEIGHT (H)
943.810	400
943.811	500
943.812	600
943.813	700
943.814	800
943.815	1000
943.816	1150



X min. Depth 200 mm : 93 mm
Depth 280 mm : 173 mm

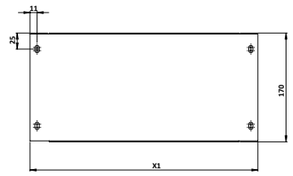
X max. Depth 200 mm : 183 mm
Depth 280 mm : 213 mm

INTERIOR MOUNTING PLATE



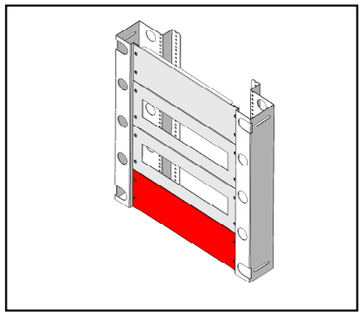
Material : Galvanized steel

Supply includes : 1 pcs mounting plate and assembly parts



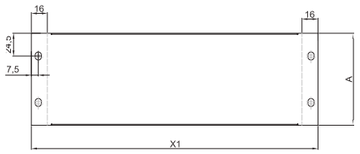
	ENCLOSURE		
PRODUCT CODE	WIDTH	HEIGT	X1 (mm)
944.406	300	170	156
944.402	400	170	256
944.403	500	170	356
944.404	600	170	456
944.405	800	170	656

INTERIOR COVER PLATES



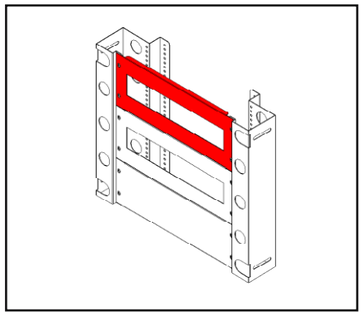
Material : Mild steel, RAL 7035 powder-coating.

Supply includes : 1 pcs plate and assembly parts



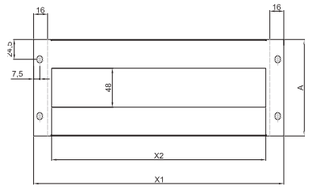
	ENCLOSURE		
PRODUCT CODE	WIDTH	A (mm)	X1 (mm)
943.870	300	80	208
943.820		100	208
943.821		120	208
943.822		160	208
943.871	400	80	308
943.823		100	308
943.824		120	308
943.825		160	308
943.872		200	308
943.873	500	80	408
943.826		100	408
943.827		120	408
943.828		160	408
943.874		200	408
943.875	600	80	508
943.829		100	508
943.830		120	508
943.831		160	508
943.876		200	508
943.877	800	80	708
943.832		100	708
943.833		120	708
943.834		160	708
943.878		200	708

INTERIOR COVER PLATE FOR MCB



Material : Mild steel, RAL 7035 powder-coating.

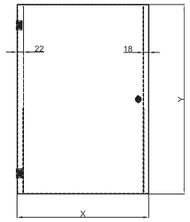
Supply includes : 1 pcs plate and assembly parts



	ENCLOSURE				
PRODUCT CODE	WIDTH	A (mm)	X1 (mm)	X2	SWITCH CAP.
943.835	300	120	208,5	163	9
943.836		160	208,5	163	9
943.837	400	120	308,5	253	14
943.838		160	308,5	253	14
943.839	500	120	408,5	361	20
943.840		160	408,5	361	20
943.841	600	120	508,5	469	26
943.842		160	508,5	469	26
943.843	800	120	708,5	667	37
943.844		160	708,5	667	37

COMPLETE INTERIOR DOOR SYSTEM

SOLID INTERIOR DOOR

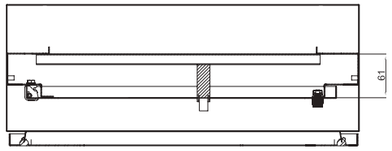


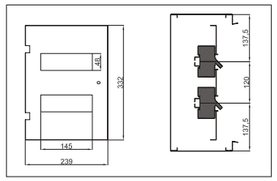
PRODUCT CODE	ENCLOSURE			
	WIDTH (W)	HEIGHT (H)	X (mm)	Y (mm)
943.845	300	400	239	232
943.846	400	400	339	232
943.847		500	339	432
943.848		600	339	532
943.849	500	600	439	532
943.850		700	439	632
943.851	600	800	539	732
943.852		1000	539	932
943.853		1150	539	1082
943.854	800	1000	739	932
943.855		1150	739	1082

INTERIOR DOOR FOR MCB

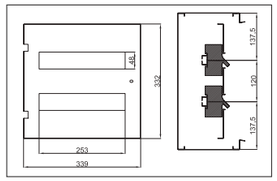
Material : Mild steel, RAL7035 powder-coating

Supply includes : 1 set hinge, 1 pcs locked interior door and support rails.

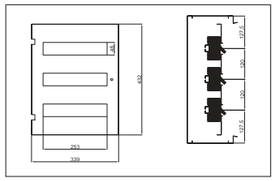




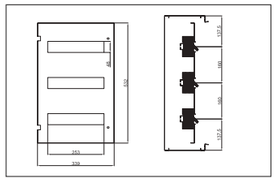
Enclosure W300 x H400 mm
Product Code: **943.856**



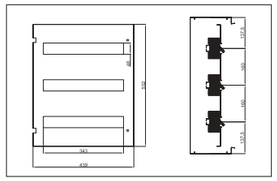
Enclosure W400 x H400 mm
Product Code: **943.857**



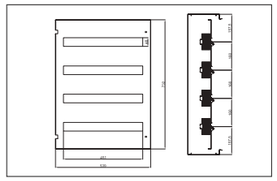
Enclosure W400 x H500 mm
Product Code: **943.858**



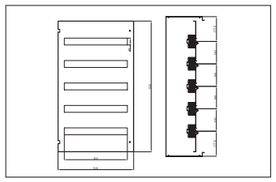
Enclosure W400 x H600 mm
Product Code: **943.859**



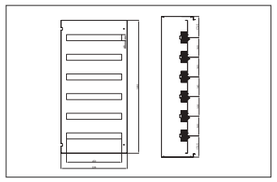
Enclosure W500 x H600 mm
Product Code: **943.860**



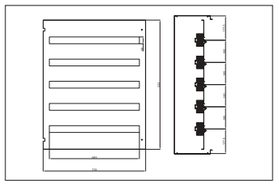
Enclosure W600 x H800 mm
Product Code: **943.862**



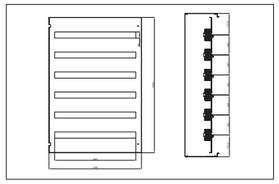
Enclosure W600 x H1000 mm
Product Code: **943.863**



Enclosure W600 x H1150 mm
Product Code: **943.864**



Enclosure W800 x H1000 mm
Product Code: **943.865**



Enclosure W800 x H1150 mm
Product Code: **943.866**

19" SWING FRAME

Material : Mild steel, RAL7035 powder-coating.

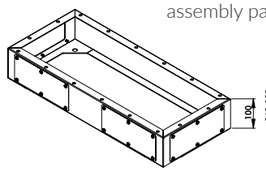
Supply includes : 1 pcs hinged, locked swing frame and support rails.

PRODUCT CODE	ENCLOSURE		
	WIDTH (W)	DEPTH (D)	U
943.867	600	800	14
943.868	600	1000	18
943.869	600	1150	22

ARES PLINTH

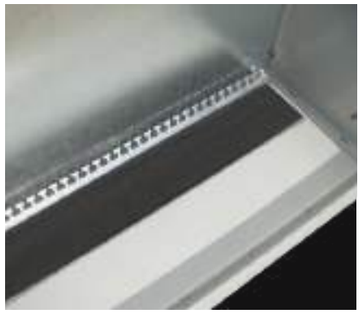
Material : Mild Steel, RAL 7035 powder coating

Supply includes : 1 pcs plinth, lids and assembly parts



PRODUCT CODE	ENCLOSURE	
	WIDTH	DEPTH
915.106	500	200
915.107	500	280
915.108	600	200
915.109	600	280
915.110	800	280

GLAND PLATE WITH FOAM ISOLATION

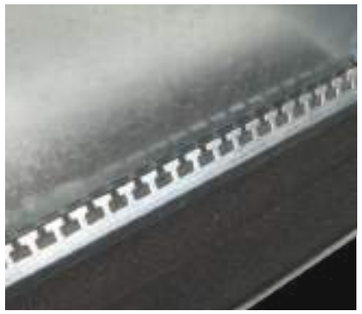


Material : Mild Steel, RAL 7035 powder coating and EPDM foam gasket

Supply includes : Gland plate, press part and gasket

PRODUCT CODE	ENCLOSURE	
	WIDTH	DEPTH
925.101	500	200
925.102	500	280
925.103	600	200
925.104	600	280
925.105	800	280

CABLE CLAMP RAIL



Material : Galvanizeded Steel

Supply includes : 1 pcs rail and assembly parts

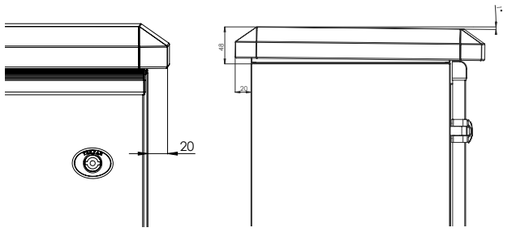
PRODUCT CODE	ENCLOSURE WIDTH
997.121	500
997.122	600
997.123	800

ARES ACCESSORIES AND EQUIPMENTS

RAIN CANOPY

Material : Galvanized steel, RAL 7035 powder-coating

Supply includes : 1 pcs rain canopy, 1 pcs special assembly plate and assembly parts

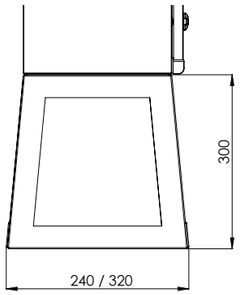


PRODUCT CODE	ENCLOSURE WIDTH	ENCLOSURE DEPTH
934.101	300	200
934.102	400	200
934.103		280
934.104	500	200
934.105		280
934.106	600	200
934.107		280
934.108	800	280

PLINTH FOR OUTDOOR USE

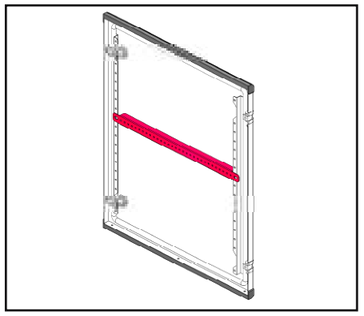
Material : Galvanized steel, RAL 7035 powder-coating

Supply includes : 1 pcs outdoor plinth and assembly parts



PRODUCT CODE	ENCLOSURE WIDTH	ENCLOSURE DEPTH
915.101	500	200
915.102	500	280
915.103	600	200
915.104	600	280
915.105	800	280

DOOR RAIL (For Mounting Cable Duct)



Material : Galvanized steel

Supply includes : 1 pcs door rail and assembly parts

PRODUCT CODE	ENCLOSURE WIDTH
997.201	400
997.203	500
997.204	600
997.205	800

ARES ACCESSORIES AND EQUIPMENTS

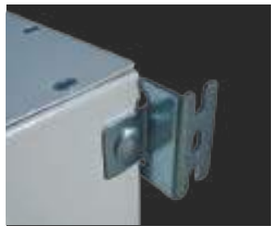
KNITTED EARTHING CABLE

Product Code: 991.201
Quantity : 10
Length : 260 mm

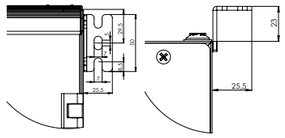
Product Code: 991.204
Quantity : 1
Length : 260 mm

Assembly screws are not included.

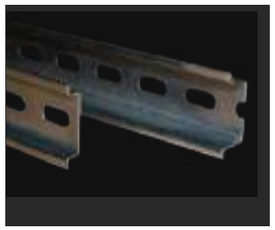
WALL BRACKET



Product Code: 971.100
Quantity : 4 pcs wall bracket, screws and gaskets



MCB RAIL (H15)



Product Code: 990.100
990.102
Quantity : 1
Length : 7,5 mm

MCB BLANK PLATE

Product Code: 990.101
Quantity : 1
Length : 175 mm

LAMP RAIL

Product Code: 903.151-500G
903.152-600G
903.153-800G
Quantity : 1 pc, screws
Length : 2 m

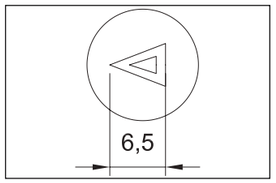
LAMP 230V

PRODUCT CODE	Watt	Length
901.110	6 W	
901.130	4 W	LED 30 cm
901.140	7 W	LED 57 cm

Lamp rail is required for assembling.

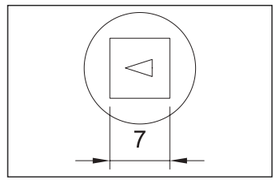
SPECIAL LOCK INSERTS

TRIANGLE INSERT



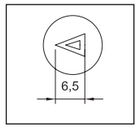
Product Code: 951.211
Quantity : 1

SQUARE INSERT

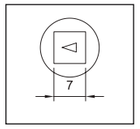


Product Code: 951.212
Quantity : 1

SPECIAL KEYS



Product Code
952.200



Product Code
952.201

HANDLE LOCK

Product Code: 951.204
Quantity : 1

SPARE PARTS

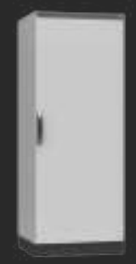
M5x10 SELF TAPPING SCREW

Product Code: 951.211
Quantity : 100

DOUBLEBIT KEY

Product Code: 952.100
Quantity : 1

TEOS SERIES 94



NEO MODULAR SERIES 116

NEO MONOBLOCK SERIES 136

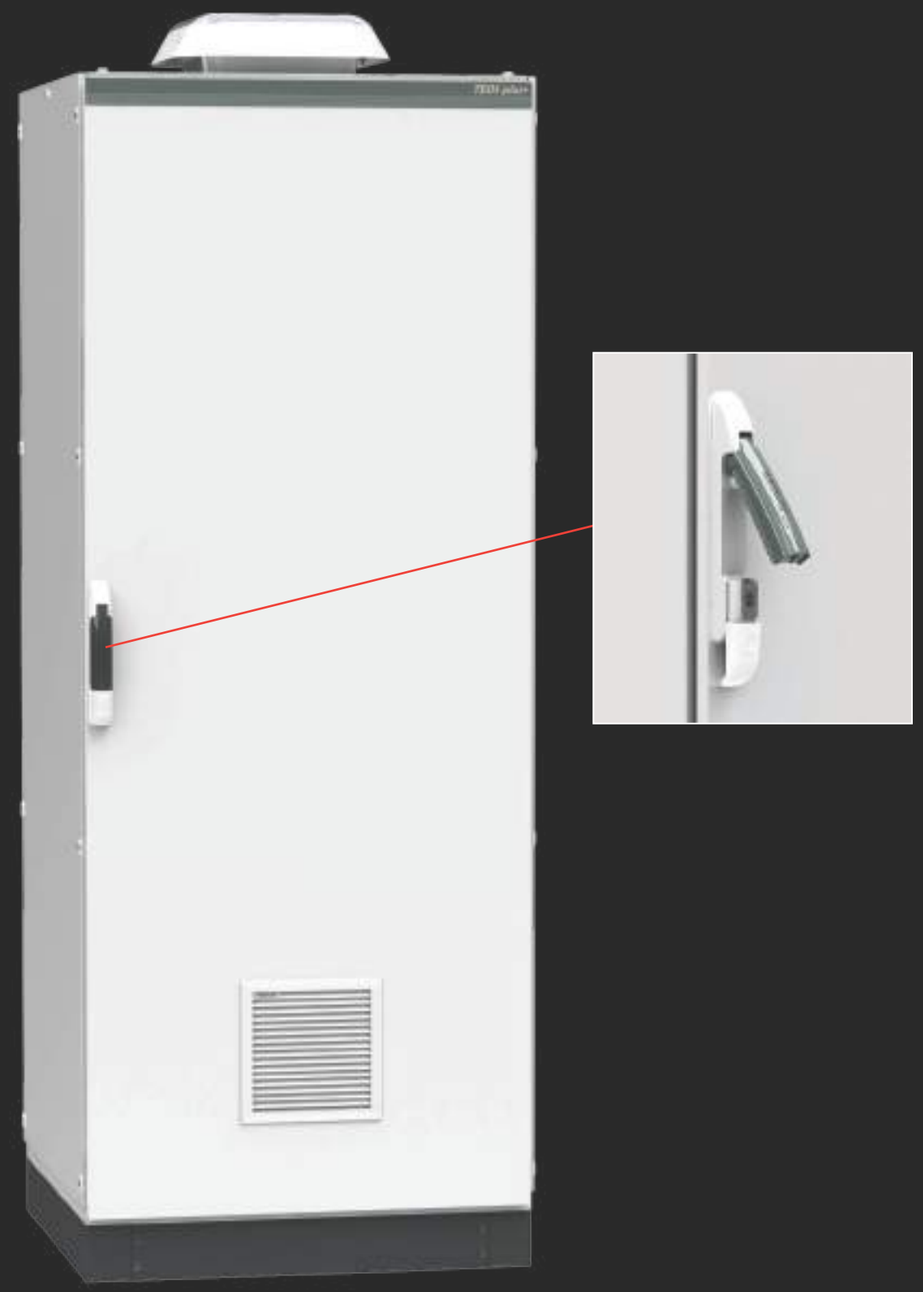
NEO HC OUTDOOR MODULAR SERIES 142

NEO HC OUTDOOR MONOBLOCK SERIES 150

SEISMIC TESTED IP65 EAC c UL us IEC DEKRA UK CA

ASSEMBLY SUPPORT PRODUCTS 154

FLOORSTANDING MODULAR CABINET

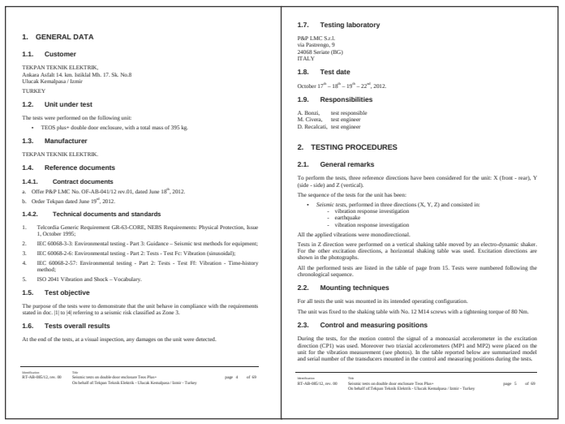


TEOS SERIES

FLOORSTANDING MODULAR CABINET

SEISMIC (EARTHQUAKE) RESISTANCE TEST REPORT

ZONE 3



1. GENERAL DATA

1.1. Customer

TEKPAN TEKNIK ELEKTRIK,
Ankara Asfalt 14 km. Istiklal Mh. 17. Sk. No.8
Ulucak Kemalpasa / Izmir
TURKEY

1.2. Unit under test

The tests were performed on the following unit:

- TEOS plus+ double door enclosure, with a total mass of 395 kg.

1.3. Manufacturer

TEKPAN TEKNIK ELEKTRIK.

1.4. Reference documents

1.4.1. Contract documents

a. Offer P&P LMC No. OF-AB-041/12 rev.01, dated June 18th, 2012.
b. Order Teksan dated June 19th, 2012.

1.4.2. Technical documents and standards

1. Telcordia Generic Requirement GR-63-CORE, NEBS Requirements: Physical Protection, Issue 1, October 1995;
2. IEC 60068-3-3: Environmental testing - Part 3: Guidance – Seismic test methods for equipment;
3. IEC 60068-2-6: Environmental testing - Part 2: Tests - Test Fc: Vibration (sinusoidal);
4. IEC 60068-2-57: Environmental testing - Part 2: Tests - Test FF: Vibration - Time-history method;
5. ISO 2041 Vibration and Shock – Vocabulary.

1.5. Test objective

The purpose of the tests were to demonstrate that the unit behave in compliance with the requirements stated in doc. [1] in [4] referring to a seismic risk classified as Zone 3.

1.6. Tests overall results

At the end of the tests, at a visual inspection, any damages on the unit were detected.

Identification: RT-AB-084/12, rev. 00 — Title: Seismic tests on double-door enclosure Teos Plus+ On behalf of Teksan Teknik Elektrik - Ulucak Kemalpasa / Izmir - Turkey — page 4 of 69

1.7. Testing laboratory

P&P LMC S.r.l.
via Pastrengo, 9
24068 Seriate (BG)
ITALY

1.8. Test date

October 17th – 18th – 19th – 22nd, 2012.

1.9. Responsibilities

A. Bonzi, test responsible
M. Civera, test engineer
D. Bercalcat, test engineer

2. TESTING PROCEDURES

2.1. General remarks

To perform the tests, three reference directions have been considered for the unit: X (front - rear), Y (side - side) and Z (vertical).

The sequence of the tests for the unit has been:

- *Seismic tests*, performed in three directions (X, Y, Z) and consisted in:
  - vibration response investigation
  - earthquake
  - vibration response investigation

All the applied vibrations were monodirectional.

Tests in Z direction were performed on a vertical shaking table moved by an electro-dynamic shaker. For the other excitation directions, a horizontal shaking table was used. Excitation directions are shown in the photographs.

All the performed tests are listed in the table of page from 15. Tests were numbered following the chronological sequence.

2.2. Mounting techniques

For all tests the unit was mounted in its intended operating configuration.

The unit was fixed to the shaking table with No. 12 M14 screws with a tightening torque of 80 Nm.

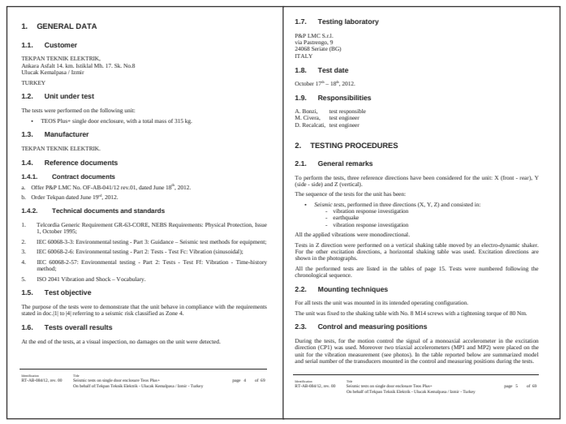
2.3. Control and measuring positions

During the tests, for the motion control the signal of a monoaxial accelerometer in the excitation direction (CP1) was used. Moreover two triaxial accelerometers (MP1 and MP2) were placed on the unit for the vibration measurement (see photos). In the table reported below are summarized model and serial number of the transducers mounted in the control and measuring positions during the tests.

Identification: RT-AB-084/12, rev. 00 — Title: Seismic tests on double door enclosure Teos Plus+ On behalf of Teksan Teknik Elektrik - Ulucak Kemalpasa / Izmir - Turkey — page 5 of 69

- Zone3' All Teos series products are within the scope of Zone 3 seismic resistance tests.
- Zone3' test was conducted for double-door enclosures of size 1200 widthx2000+100 height and 600 mm depth, and covers all sizes and types of the Teos series.
- You can view the complete report on our websites.

ZONE 4



1. GENERAL DATA

1.1. Customer

TEKPAN TEKNIK ELEKTRIK,
Ankara Asfalt 14 km. Istiklal Mh. 17. Sk. No.8
Ulucak Kemalpasa / Izmir
TURKEY

1.2. Unit under test

The tests were performed on the following unit:

- TEOS Plus+ single door enclosure, with a total mass of 315 kg.

1.3. Manufacturer

TEKPAN TEKNIK ELEKTRIK.

1.4. Reference documents

1.4.1. Contract documents

a. Offer P&P LMC No. OF-AB-041/12 rev.01, dated June 18th, 2012.
b. Order Teksan dated June 19th, 2012.

1.4.2. Technical documents and standards

1. Telcordia Generic Requirement GR-63-CORE, NEBS Requirements: Physical Protection, Issue 1, October 1995;
2. IEC 60068-3-3: Environmental testing - Part 3: Guidance – Seismic test methods for equipment;
3. IEC 60068-2-6: Environmental testing - Part 2: Tests - Test Fc: Vibration (sinusoidal);
4. IEC 60068-2-57: Environmental testing - Part 2: Tests - Test FF: Vibration - Time-history method;
5. ISO 2041 Vibration and Shock – Vocabulary.

1.5. Test objective

The purpose of the tests were to demonstrate that the unit behave in compliance with the requirements stated in doc. [1] in [4] referring to a seismic risk classified as Zone 4.

1.6. Tests overall results

At the end of the tests, at a visual inspection, no damages on the unit were detected.

Identification: RT-AB-084/12, rev. 00 — Title: Seismic tests on single door enclosure Teos Plus+ On behalf of Teksan Teknik Elektrik - Ulucak Kemalpasa / Izmir - Turkey — page 4 of 69

1.7. Testing laboratory

P&P LMC S.r.l.
via Pastrengo, 9
24068 Seriate (BG)
ITALY

1.8. Test date

October 17th – 18th, 2012.

1.9. Responsibilities

A. Bonzi, test responsible
M. Civera, test engineer
D. Bercalcat, test engineer

2. TESTING PROCEDURES

2.1. General remarks

To perform the tests, three reference directions have been considered for the unit: X (front - rear), Y (side - side) and Z (vertical).

The sequence of the tests for the unit has been:

- *Seismic tests*, performed in three directions (X, Y, Z) and consisted in:
  - vibration response investigation
  - earthquake
  - vibration response investigation

All the applied vibrations were monodirectional.

Tests in Z direction were performed on a vertical shaking table moved by an electro-dynamic shaker. For the other excitation directions, a horizontal shaking table was used. Excitation directions are shown in the photographs.

All the performed tests are listed in the tables of page 15. Tests were numbered following the chronological sequence.

2.2. Mounting techniques

For all tests the unit was mounted in its intended operating configuration.

The unit was fixed to the shaking table with No. 8 M14 screws with a tightening torque of 80 Nm.

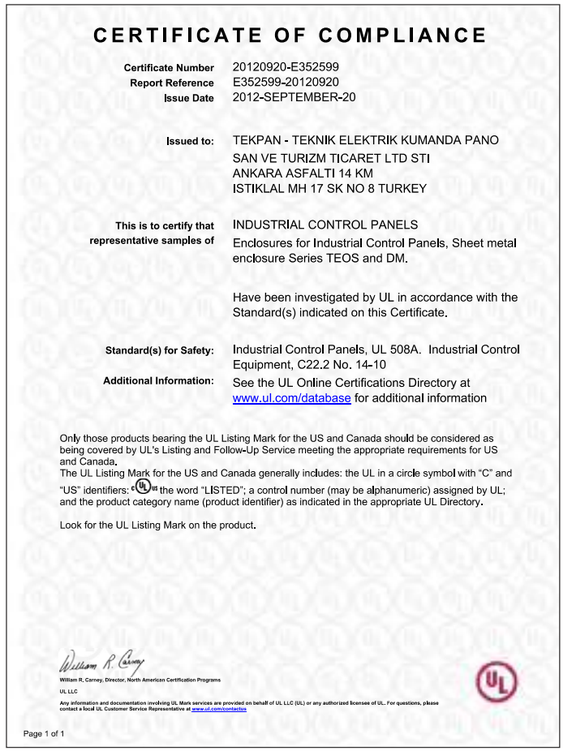
2.3. Control and measuring positions

During the tests, for the motion control the signal of a monoaxial accelerometer in the excitation direction (CP1) was used. Moreover two triaxial accelerometers (MP1 and MP2) were placed on the unit for the vibration measurement (see photos). In the table reported below are summarized model and serial number of the transducers mounted in the control and measuring positions during the tests.

Identification: RT-AB-084/12, rev. 00 — Title: Seismic tests on single door enclosure Teos Plus+ On behalf of Teksan Teknik Elektrik - Ulucak Kemalpasa / Izmir - Turkey — page 5 of 69

- 'For 'Zone 4' seismic resistance tests, an enclosure sized 800 width x 2000+100 height x 800 with an extra reinforced interior and welded plinth was used.
- The abovementioned size and structure are required for your needs within the scope of 'Zone 4'. Please contact our sales department for your needs.
- You can view the complete report on our websites

UL CERTIFICATE
VALID CERTIFICATE IN THE USA AND CANADA



CERTIFICATE OF COMPLIANCE

Certificate Number 20120920-E352599
Report Reference E352599-20120920
Issue Date 2012-SEPTEMBER-20

Issued to: TEKPAN - TEKNIK ELEKTRIK KUMANDA PANO SAN VE TURIZM TICARET LTD STI
ANKARA ASFALTI 14 KM
ISTIKLAL MH 17 SK NO 8 TURKEY

This is to certify that representative samples of: INDUSTRIAL CONTROL PANELS
Enclosures for Industrial Control Panels, Sheet metal enclosure Series TEOS and DM.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Industrial Control Panels, UL 508A. Industrial Control Equipment, C22.2 No. 14-10

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.
The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers; the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney, Director, North American Certification Programs
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

Page 1 of 1

EAC CERTIFICATE

- You can view the complete report on our websites

TEOS POWERED FRAME STRUCTURE

Turkish Patent No: TR 201009615Y

Produced with a closed rail structure, Teos enclosure rails are clamped with a special non-welded clamping system. Their resistance to both vertical and horizontal pressures is extremely high compared to open rail structures. This force enables full resistance for the movement of the installed equipments and resistance in overcurrents.

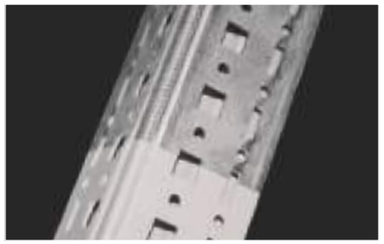
TEOS EARTING CONTINUTIY

Placed on the aliminium corner combination, the earthing hooks are tightly mounted on the uncoated inner surface of the rails by means of eroding. Thereby, the earthing continuity is ensured for all rails and their parts

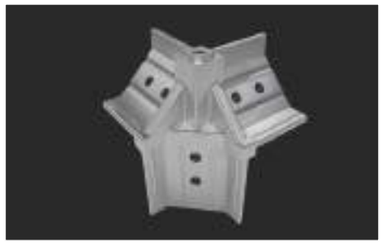
Placed on the bottom-top inner parts of the front door, the earthing screw increases conductive surface. Thereby, the front door is more efficiently grounded as the most important part to be grounded.

Applied to all other cover plates, the earthing screws allow for the complete earthing of all enclosure cover plates. Furtermore, TEOS allows for earting all parts by use of special grounding washers.

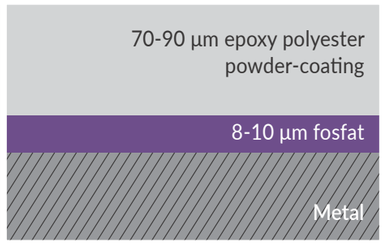
TEOS CORROSION PROTECTION



Teos closed frame made by galvanized steel (DIN EN 10142_00 DX51 D+Z) and coated Nano-plating and powder coated from outside of the surface. Non-powder coated inside surface can not corrade because of the galvanized material style.

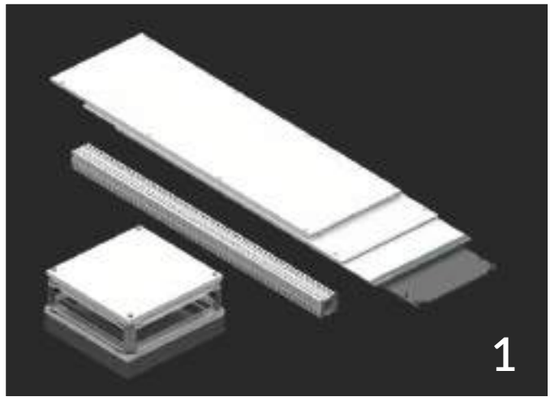


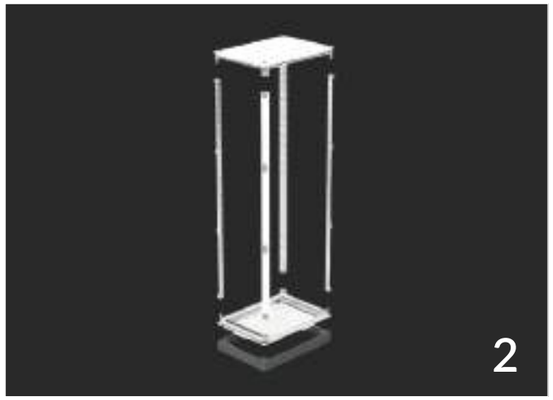
Manufactured from aliminum-cast (E-160) material, the rail connection corners do not corrode thanks to their aliminium structure.

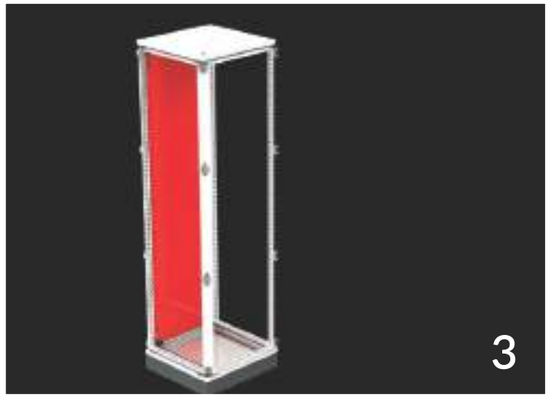


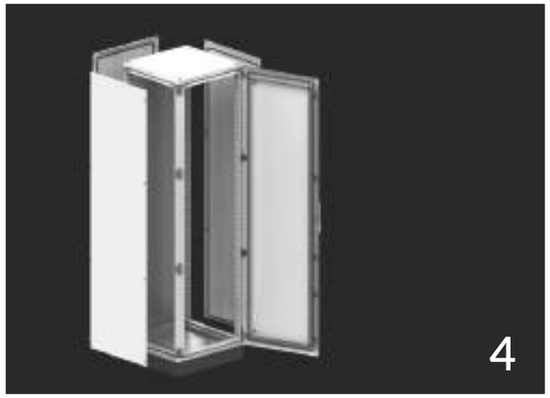
All coated parts respectively undergo the automatic processes of washing, Nano-plating, deionized passivation- drying- coating- firing and are treated with active coating. 500 hour salt test resistance is acquired according to the test results of this process

TEOS EASY ASSEMBLING AND LOGISTICAL ADVANTAGES







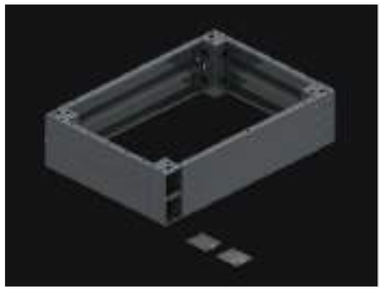


Offered as flat package, the TEOS series is designed for an easy mounting in a minimal amount of time. It does not require angulation for the body and can be mounted between 15-20 minutes by two people.

Offered as flat package, TEOS series save space during transportation and storage. However, since packages can be replaced with each other, they provide more solutions with less inventory.

You can access the Teos assembly video by scanning the QR code.

TEOS PLINTH SYSTEM



Front surfaces of the corner parts are open in the plinth system which is designed with a height of 100 mm and 200 mm. This enables not only an easy mounting on the enclosure but also an easy ground fixing. Upon the completion of this process, the plastic panel closes without use of screws.

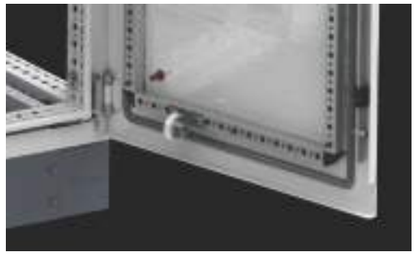
Plinth front panels are mounted with screws while the side panels are screwed from the inside.

A separate corner can be used for plinth applications with a height of 200 mm as well as plinths with a height of 100 mm can be superimposed to reach the 200 mm height.

TEOS FRONT DOOR

Lock and hinge placed in four points

Wheel Application



The standard wheel application that comes with TEOS+ products prevents the door from sagging, balances the weight of the door, and prevents harsh closing due to wind or other factors, thus protecting panels and accents against any mechanical impact.

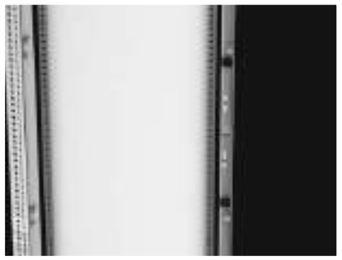
Wide Space and Strong Door Rail

Since locking is performed on the rails, inner space of the cover plates allows for a maximum efficiency.

As the closed support rails are manufactured as a completely closed box, they are more resistant to bending. This ensures a stronger cover plate

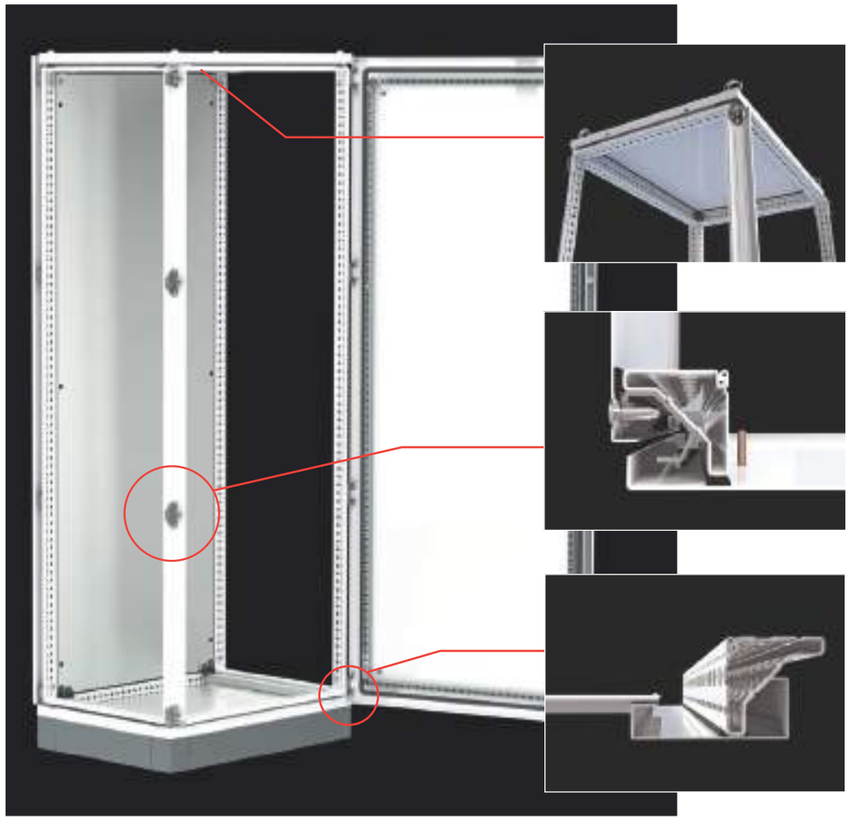
Comfort Handle Lock with Insert Protection

Rigid and Durable Lock Structure



Lock failures experienced in most enclosures are prevented in TEOS. Thanks to their corrugated and long-lasting structure, the locking plates do not bend and corrode.

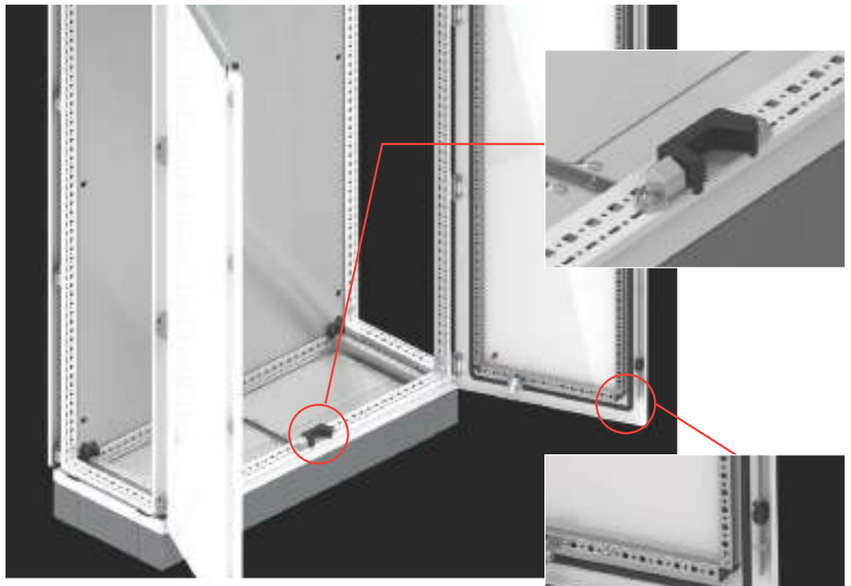
IP 54 - IP 65 PROTECTION CATEGORY



Sealing foam gaskets are used on the body door, back door, side panels and top panels of the enclosure. This gasket enables complete isolation between -40 and +100 C

All gaskets apply pressure on the convex frame curves. Dust and water particles are left in the space between the convex curves, and thus pressure on the gasket is prevented.

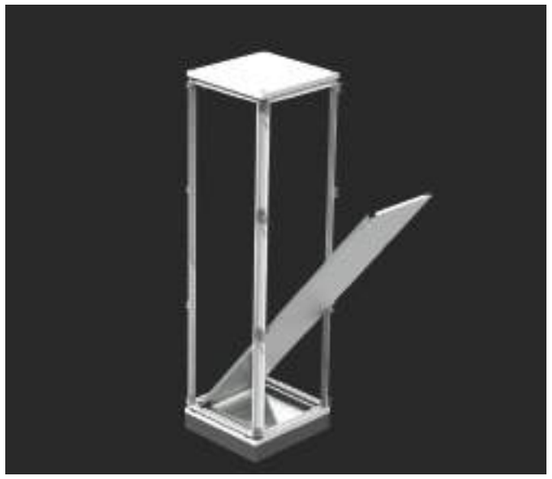
All seal applications on the covers press on the convex curves in the carcasses Dust and water droplets are left in the area between these convex curves and the pressure on the seal is prevented.



Applied to double-door enclosures, the insulating gasket assumes a full protective role between two panels and the frame when both doors close over the gasket.

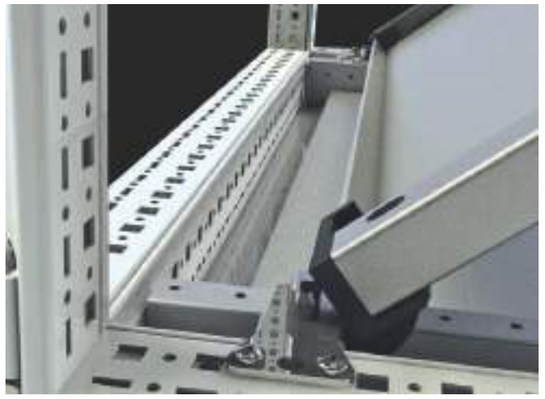
Applied to all front doors and panels, the liquid seal is used in all double-door enclosures and acts as an insulator between two doors. Locking system of both doors work separately and this enables a full gasket pressing

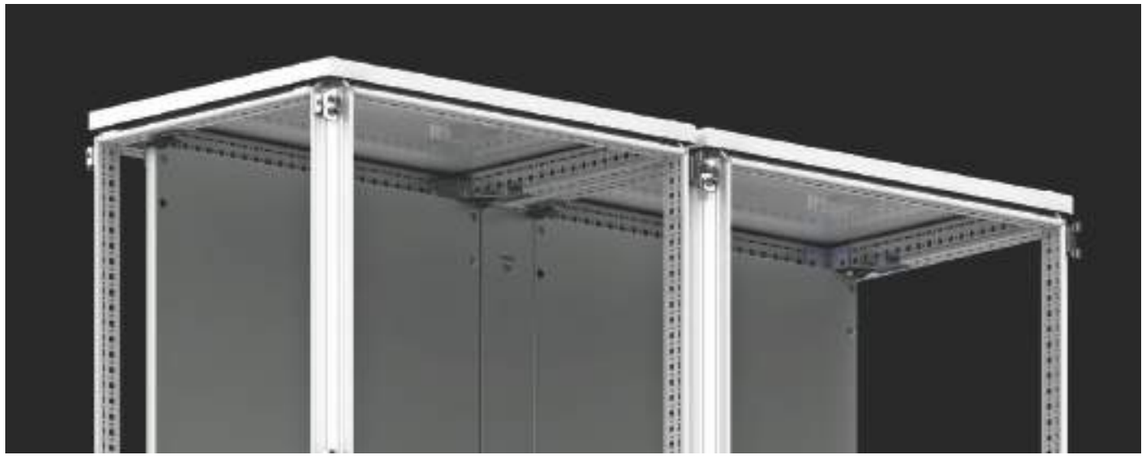
MOUNTING PLATE SYSTEM



Manufactured from a 3,00 mm galvanized steel, TEOS mounting plates are railed and easily mounted. With its thick steel sheet structure, the mounting plate can carry heavy equipment with its rigid structure and does not need additional side support parts. In this way, bayed enclosure space is increased in combined enclosures.

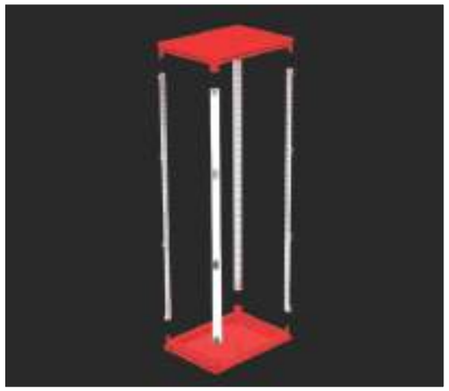
Connected to the mounting plates, the intermediate mounting plate increases space and can move back and front together with the mounting plates.





SIZES and MODELS (DISASSEMBLED)

TOP/BOTTOM GROUP



Relevant Size : ENCLOSURE WIDTH x DEPTH
Material : Body : 1,50 mm galvanized steel+steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Top Cover : 1,50 mm mild steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Bottom : 1,50 mm mild steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Gland Plate : 1,50 mm galvanized steel

Supply Includes : 1 set of upper body, 1 set of lower body, 1 pcs gland plate, 1 pcs top cover and body mounting parts.

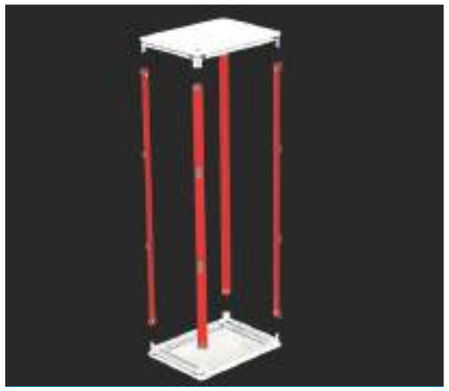
NOTE : 4 pcs eyebolts is added upon your request.

PRODUCT CODE	WIDTH (mm)	DEPTH (mm)
701.450	400	500
701.460	400	600
701.480	400	800
701.640	600	400
701.650	600	500
701.660	600	600
701.680	600	800
701.610	600	1000

PRODUCT CODE	WIDTH (mm)	DEPTH (mm)
701.740	700	400
701.750	700	500
701.760	700	600
701.780	700	800
701.840	800	400
701.850	800	500
701.860	800	600
701.880	800	800
701.810	800	1000

PRODUCT CODE	WIDTH (mm)	DEPTH (mm)
701.040	1000	400
701.050	1000	500
701.060	1000	600
701.080	1000	800
701.240	1200	400
701.250	1200	500
701.260	1200	600
701.280	1200	800

VERTICAL FRAME GROUP



Relevant Size : ENCLOSURE HEIGHT

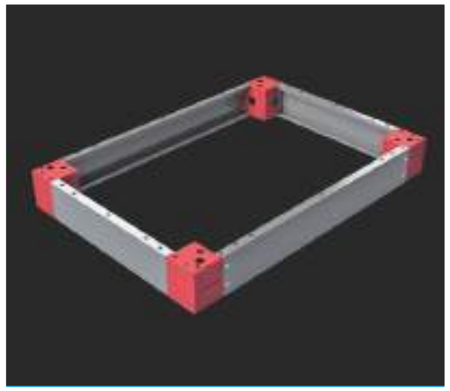
Material : Frame : 1,50 mm galvanized steel + Nano Plating + Electrostatic Powder Coating RAL 7035

Supply Includes : 4 pcs vertical frame

PRODUCT CODE	HEIGHT (mm)
702.120	1200
702.160	1600
702.180	1800
702.200	2000
702.220	2200

SIZES and MODELS (DISASSEMBLED)

PLINTH CORNER PART



Relevant Size : PLINTH HEIGHT

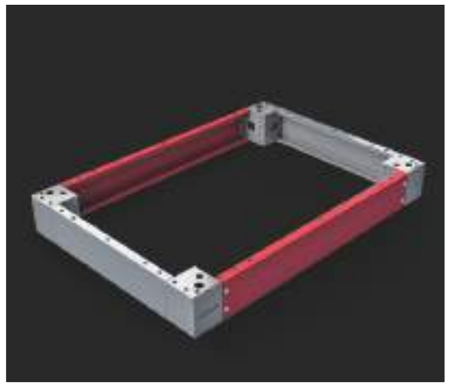
Material : Corner part : 2,00 mm galvanized steel + RAL 7012 powder-coating
Plastic Panel : RAL 7012 ABS Plastic

Supply Includes : 4 pcs 100 mm or 200 mm high plinth corner part, 4 pcs plastic cover and mounting parts

NOTE : Please see page 154-159 for plinth accessories.

PRODUCT CODE	TEOS Plinth Height (mm)
708.100	100
708.200	200

PLINTH FRONT COVERS



Relevant Size : ENCLOSURE WIDTH

Material : 1,50 mm galvanized steel + RAL 7012 powder-coating

Supply Includes : 2 pcs 100 mm high front plinth panel and mounting parts

NECESSARY : 2 sets of front plinth panel group for 200 mm height plinths.

PRODUCT CODE	Enclosue Width (mm)
709.140	400
709.160	600
709.170	700
709.180	800
709.100	1000
709.120	1200

PLINTH SIDE COVERS

Relevant Size : ENCLOSURE DEPTH

Material : 1,50 mm galvanized steel + RAL 7012 powder-coating

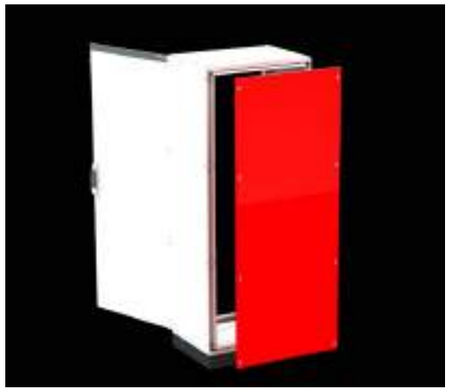
Supply Includes : 2 pcs 100 mm high side plinth panel and mounting parts

NECESSARY : 2 sets of front plinth panel group for 200 mm high plinths.

PRODUCT CODE	Enclosue Depth (mm)
710.140	400
710.150	500
710.160	600
710.180	800
710.100	1000

SIZES and MODELS (DISASSEMBLED)

REAR PANEL GROUP



Relevant size : ENCLOSURE WIDTH x HEIGHT

Material : 1,50 mm mild steel + RAL 7035 powder-coating

Supply Includes : 1 pcs rear panel and mounting parts

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
703.418	400	1800
703.420	400	2000
703.612	600	1200
703.616	600	1600
703.618	600	1800
703.620	600	2000
703.622	600	2200

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
703.720	700	2000
703.812	800	1200
703.816	800	1600
703.818	800	1800
703.820	800	2000
703.822	800	2200

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
703.018	1000	1800
703.020	1000	2000
703.212	1200	1200
703.216	1200	1600
703.218	1200	1800
703.220	1200	2000
703.222	1200	2200

SIDE PANELS

Relevant size : ENCLOSURE HEIGHT x DEPTH

Material : 1,50 mm mild steel + RAL 7035 powder-coating

Supply Includes : 2 pcs side panel and mounting parts

PRODUCT CODE	HEIGHT (mm)	DEPTH (mm)
706.124	1200	400
706.125	1200	500
706.126	1200	600
706.164	1600	400
706.165	1600	500
706.166	1600	600

PRODUCT CODE	HEIGHT (mm)	DEPTH (mm)
706.184	1800	400
706.185	1800	500
706.186	1800	600
706.188	1800	800
706.180	1800	1000

PRODUCT CODE	HEIGHT (mm)	DEPTH (mm)
706.204	2000	400
706.205	2000	500
706.206	2000	600
706.208	2000	800
706.226	2200	600
706.200	2000	1000
706.220	2200	1000

SIZES and MODELS (DISASSEMBLED)

SOLID FRONT DOOR

GLAZED FRONT DOOR

Relevant size : ENCLOSURE WIDTH x HEIGHT

Material : Solid Door : 2,00 mm mild steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Glazed Door : 2,00 mm mild steel + Nano Plating + Electrostatic Powder Coating RAL 7035
4,00 mm tempered glass

Supply Includes : Solid Door : 1 pcs solid door, 1 set of lock, 4 set hinges and door stiffeners
Glazed Door : 1 pcs Glazed Door, 1 pcs glazed door, 1 set of lock, 4 sets of hinge and door support profile

ATTENTION : 800 mm and 1000 mm wide enclosures come in both single and double-door versions. 1200 mm wide enclosures come only in double-door versions. Only 600 mm and 800mm wide enclosures come with glazed doors.

ATTENTION : Doors of the double-door version are delivered in two separate packages.

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)	Door
724.418	400	1800	Single
724.420	400	2000	Single
724.612	600	1200	Single
724.616	600	1600	Single
724.618	600	1800	Single
724.620	600	2000	Single
724.622	600	2200	Single
724.720	700	2000	Single
GLAZED DOOR			
725.618	600	1800	Single
725.620	600	2000	Single

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)	Door
724.812	800	1200	Single
724.816	800	1600	Single
724.818	800	1800	Single
724.811	800	1800	Double
724.820	800	2000	Single
724.821	800	2000	Double
724.822	800	2200	Single
GLAZED DOOR			
725.720	700	2000	Single

PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)	Door
724.018	1000	1800	Double
724.020	1000	2000	Double
724.021	1000	2000	Single
724.212	1200	1200	Double
724.216	1200	1600	Double
724.218	1200	1800	Double
724.220	1200	2000	Double
724.222	1200	2200	Double
GLAZED DOOR			
725.818	800	1800	Single
725.820	800	2000	Single

SIZES and MODELS (DISASSEMBLED)

MOUNTING PLATE

Relevant size : ENCLOSURE WIDTH x HEIGHT

Material : 3,00 mm Galvanized steel + 2,00 mm Galvanized Sac

Supply Includes : 1 pcs Mounting Plate and Mounting Parts

TEOS plus ENCLOSURE mm		
PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
717.418	400	1800
717.420	400	2000
707.612	600	1200
707.616	600	1600
707.618	600	1800
707.620	600	2000
707.622	600	2200

TEOS plus ENCLOSURE mm		
PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
707.718	700	1800
707.720	700	2000
707.812	800	1200
707.816	800	1600
707.818	800	1800
707.820	800	2000
707. 822	800	2200

TEOS plus ENCLOSURE mm		
PRODUCT CODE	WIDTH (mm)	HEIGHT (mm)
707.018	1000	1800
707.020	1000	2000
707.212	1200	1200
707.216	1200	1600
707.218	1200	1800
707.220	1200	2000
707.222	1200	2200

INTERMEDIATE MOUNTING PLATE

Relevant size : ENCLOSURE HEIGHT

Material : 2,00 mm galvanized steel

Supply Includes : 1 pcs mounting plate, 3 pcs bracket and mounting parts

PRODUCT CODE	ENCLOSURE HEIGHT (mm)
712.120	1200
712.160	1600
712.180	1800
712.200	2000
712.220	2200

SIZES and MODELS (DISASSEMBLED)

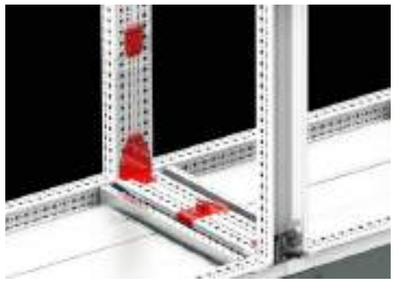
BAYING KIT

Material : 3,00 mm - 4,00 mm mild steel parts + zinc coated

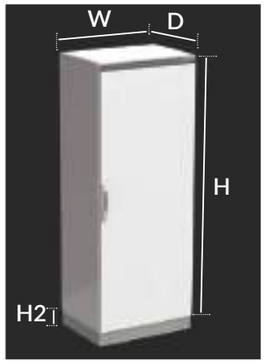
Supply Includes : 2 pcs combination, 4 pcs angular brackets, 2 pcs adjustable bracket, 4 pcs fixing bracket, 5,60 m intermediate insulation gasket and mounting parts

Product Code : 711.000

NOTE : Please see page 162-164 for other combination and support systems.



SIZES and MODELS (DISASSEMBLED)



ENCLOSURE DEPTH 500 mm (D)		Height (H) 1200 mm			Height (H) 1600 mm		
		PENCLOSURE WIDTH mm (W)			PENCLOSURE WIDTH mm (W)		
Step	Product Description	Single Door 600	Single Door 800	Double Door 1200	Single Door 600	Single Door 800	Double Door 1200
1	TOP/BOTTOM GROUP	701.650	701.850	701.250	701.650	701.850	701.250
2	VERTICAL FRAMES GROUP	702.120	702.120	702.120	702.160	702.160	702.160
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.160	709.180	709.120	709.160	709.180	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.150	710.150	710.150	710.150	710.150	710.150
6	REAR PANEL	703.612	703.812	703.212	703.616	703.816	703.216
7	FRONT DOOR (SOLID)	724.612	724.812	724.212	724.616	724.816	724.216
8	SIDE PANELS (2 pcs.)	706.125	706.125	706.125	706.165	706.165	706.165
9	MOUNTING PLATE	707.612	707.812	707.212	707.616	707.816	707.216
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

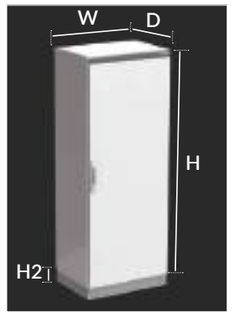
ENCLOSURE DEPTH 400 mm (D)		Height (H) 1800 mm				
		ENCLOSURE WIDTH mm (W)				
Step	Product Description	Single Door 600	Single Door 800	Double Door 800	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.640	701.840	701.840	701.040	701.240
2	VERTICAL FRAMES GROUP	702.180	702.180	702.180	702.180	702.180
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.160	709.180	709.180	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.140	710.140	710.140	710.140	710.140
6	REAR PANEL	703.618	703.818	703.818	703.018	703.218
7	FRONT DOOR (SOLID)	724.618	724.818	724.811	724.018	724.218
7	FRONT DOOR (GLAZED)	725.618	725.818	-	-	-
8	SIDE PANELS (2 pcs.)	706.184	706.184	706.184	706.184	706.184
9	MOUNTING PLATE	707.618	707.818	707.818	707.018	707.218
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000

SIZES and MODELS (DISASSEMBLED)

ENCLOSURE DEPTH 500 mm (D)		Height (H) 1800 mm					
		ENCLOSURE WIDTH mm (W)					
Step	Product Description	Single Door 400	Single Door 600	Single Door 800	Double Door 800	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.450	701.650	701.850	701.850	701.050	701.250
2	VERTICAL FRAMES GROUP	702.180	702.180	702.180	702.180	702.180	702.180
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.180	709.180	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.150	710.150	710.150	710.150	710.150	710.150
6	REAR PANEL	703.418	703.618	703.818	703.818	703.018	703.218
7	FRONT DOOR (SOLID)	724.418	724.618	724.818	724.811	724.018	724.218
7	FRONT DOOR (GLAZED)	-	725.618	725.818	-	-	-
8	SIDE PANELS (2 pcs.)	706.185	706.185	706.185	706.185	706.185	706.185
9	MOUNTING PLATE	-	707.618	707.818	707.818	707.018	707.218
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 600 mm (D)		Height (H) 1800 mm					
		ENCLOSURE WIDTH mm (W)					
Step	Product Description	Single Door 400	Single Door 600	Single Door 800	Single Door 800	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.460	701.660	701.860	701.860	701.060	701.260
2	VERTICAL FRAMES GROUP	702.180	702.180	702.180	702.180	702.180	702.180
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.180	709.180	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.160	710.160	710.160	710.160	710.160	710.160
6	REAR PANEL	703.418	703.618	703.818	703.818	703.018	703.218
7	FRONT DOOR (SOLID)	724.418	724.618	724.818	724.818	724.018	724.218
7	FRONT DOOR (GLAZED)	-	725.618	725.818	-	-	-
8	SIDE PANELS (2 pcs.)	706.186	706.186	706.186	706.186	706.186	706.186
9	MOUNTING PLATE	-	707.618	707.818	707.818	707.018	707.218
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

SIZES and MODELS (DISASSEMBLED)



ENCLOSURE DEPTH 400 mm (D)		Height (H) 2000 mm						
		ENCLOSURE WIDTH mm (W)						
Step	Product Description	Single Door 600	Single Door 700	Single Door 800	Double Door 800	Single Door 1000	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.640	701.740	701.840	701.840	701.040	701.040	701.240
2	VERTICAL FRAMES GROUP	702.200	702.200	702.200	702.200	702.200	702.200	702.200
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.160	709.170	709.180	709.180	709.100	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.140	710.140	710.140	710.140	710.140	710.140	710.140
6	REAR PANEL	703.620	703.720	703.820	703.820	703.020	703.020	703.220
7	FRONT DOOR (SOLID)	724.620	724.720	724.820	724.821	724.021	724.020	724.220
7	FRONT DOOR (GLAZED)	725.620	725.720	725.820	-	-	-	-
8	SIDE PANELS (2 pcs)	706.204	706.204	706.204	706.204	706.204	706.204	706.204
9	MOUNTING PLATE	707.620	707.720	707.820	707.820	707.020	707.020	707.220
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 500 mm (D)		Height (H) 2000 mm							
		ENCLOSURE WIDTH mm (W)							
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 800	Single Door 1000	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.450	701.650	701.750	701.850	701.850	701.050	701.050	701.250
2	VERTICAL FRAMES GROUP	702.200	702.200	702.200	702.200	702.200	702.200	702.200	702.200
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.170	709.180	709.180	709.100	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.150	710.150	710.150	710.150	710.150	710.150	710.150	710.150
6	REAR PANEL	703.420	703.620	703.720	703.820	703.820	703.020	703.020	703.220
7	FRONT DOOR (SOLID)	724.420	724.620	724.720	724.820	724.821	724.021	724.020	724.220
7	FRONT DOOR (GLAZED)	-	725.620	725.720	725.820	-	-	-	-
8	SIDE PANELS (2 pcs)	706.205	706.205	706.205	706.205	706.205	706.205	706.205	706.205
9	MOUNTING PLATE	-	707.620	707.720	707.820	707.820	707.020	707.020	707.220
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000	612.000	612.000

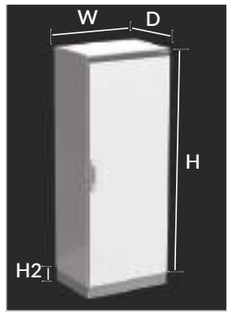
SIZES and MODELS (DISASSEMBLED)

ENCLOSURE DEPTH 600 mm (D)		Height (H) 2000 mm							
		ENCLOSURE WIDTH mm (W)							
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 800	Single Door 1000	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.460	701.660	701.760	701.860	701.860	701.060	701.060	701.260
2	VERTICAL FRAMES GROUP	702.200	702.200	702.200	702.200	702.200	702.200	702.200	702.200
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.170	709.180	709.180	709.100	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.160	710.160	710.160	710.160	710.160	710.160	710.160	710.160
6	REAR PANEL	703.420	703.620	703.720	703.820	703.820	703.020	703.020	703.220
7	FRONT DOOR (SOLID)	724.420	724.620	724.720	724.820	724.821	724.021	724.020	724.220
7	FRONT DOOR (GLAZED)	-	725.620	725.720	725.820	-	-	-	-
8	SIDE PANELS (2 pcs)	706.206	706.206	706.206	706.206	706.206	706.206	706.206	706.206
9	MOUNTING PLATE	-	707.620	707.720	707.820	707.820	707.020	707.020	707.220
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 800 mm (D)		Height (H) 2000 mm							
		ENCLOSURE WIDTH mm (W)							
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 800	Single Door 1000	Double Door 1000	Double Door 1200
1	TOP/BOTTOM GROUP	701.480	701.680	701.780	701.880	701.880	701.080	701.080	701.280
2	VERTICAL FRAMES GROUP	702.200	702.200	702.200	702.200	702.200	702.200	702.200	702.200
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.170	709.180	709.180	709.100	709.100	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.180	710.180	710.180	710.180	710.180	710.180	710.180	710.180
6	REAR PANEL	703.420	703.620	703.720	703.820	703.820	703.020	703.020	703.220
7	FRONT DOOR (SOLID)	724.420	724.620	724.720	724.820	724.821	724.021	724.020	724.220
7	FRONT DOOR (GLAZED)	-	725.620	725.720	725.820	-	-	-	-
8	SIDE PANELS (2 pcs)	706.208	706.208	706.208	706.208	706.208	706.208	706.208	706.208
9	MOUNTING PLATE	-	707.620	707.720	707.820	707.820	707.020	707.020	707.220
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 1000 mm (D)		Height (H) 2000 mm				
		ENCLOSURE WIDTH mm (W)				
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 800
1	TOP/BOTTOM GROUP	701.410	701.610	701.710	701.810	701.810
2	VERTICAL FRAMES GROUP	702.200	702.200	702.200	702.200	702.200
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.140	709.160	709.170	709.180	709.180
5	PLINTH SIDE COVERS H100mm (H2)	710.110	710.110	710.110	710.110	710.110
6	REAR PANEL	703.420	703.620	703.720	703.820	703.820
7	FRONT DOOR (SOLID)	724.420	724.620	724.720	724.820	724.821
7	FRONT DOOR (GLAZED)	-	725.620	725.720	725.820	-
8	SIDE PANELS (2 pcs)	706.210	706.210	706.210	706.210	706.210
9	MOUNTING PLATE	-	707.620	707.720	707.820	707.820
10	BAYING KIT	711.000	711.000	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000

SIZES and MODELS (ASSEMBLED)



ENCLOSURE DEPTH 600 mm (D)		Height (H) 2200 mm		
		ENCLOSURE WIDTH mm (W)		
Step	Product Description	Single Door 600	Single Door 800	Double Door 1200
1	TOP/BOTTOM GROUP	701.660	701.860	701.260
2	VERTICAL FRAMES GROUP	702.220	702.220	702.220
3	PLINTH CORNER PART H100mm (H2)	708.100	708.100	708.100
3	PLINTH CORNER PART H200mm (H2)	708.200	708.200	708.200
4	PLINTH FRONT COVERS H100mm (H2)	709.160	709.180	709.120
5	PLINTH SIDE COVERS H100mm (H2)	710.160	710.160	710.160
6	REAR PANEL	703.622	703.822	703.222
7	FRONT DOOR (SOLID)	724.622	724.822	724.222
8	SIDE PANELS (2 pcs)	706.226	706.226	706.226
9	MOUNTING PLATE	707.622	707.822	707.222
10	BAYING KIT	711.000	711.000	711.000
11	EYEBOLT(4 pcs.)	612.000	612.000	612.000

SOLID DOOR, MOUNTING PLATE						
HEIGHT (H) 1200						Side Panel (2 Pcs)
WIDTH (W)	HEIGHT (H)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	1200	500	706.125.011	706.125.111	706.125.211	706.125
800	1200	500	708.125.011	708.125.111	708.125.211	706.125
1200	1200	500	712.125.011	712.125.111	712.125.211	706.125

SOLID DOOR, Without MOUNTING PLATE						
HEIGHT (H) 1200						Side Panel (2 Pcs)
WIDTH (W)	HEIGHT (H)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	1200	500	706.125.000	706.125.100	706.125.200	706.125
800	1200	500	708.125.000	708.125.100	708.125.200	706.125
1200	1200	500	712.125.000	712.125.100	712.125.200	706.125

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

SIZES and MODELS (ASSEMBLED)

SOLID DOOR, MOUNTING PLATE						
HEIGHT (H) 1600						Side Panel (2 Pcs)
WIDTH (W)	HEIGHT (H)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	1200	500	706.165.011	706.165.111	706.165.211	706.165
800	1200	500	708.165.011	708.165.111	708.165.211	706.165
1200	1200	500	712.165.011	712.165.111	712.165.211	706.165

SOLID DOOR, Without MOUNTING PLATE						
HEIGHT (H) 1600						Side Panel (2 Pcs)
WIDTH (W)	HEIGHT (H)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	1200	500	706.165.000	706.165.100	706.165.200	706.165
800	1200	500	708.165.000	708.165.100	708.165.200	706.165
1200	1200	500	712.165.000	712.165.100	712.165.200	706.165

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

HEIGHT (H) 1800		SOLID DOOR, MOUNTING PLATE			SOLID DOOR, Without MOUNTING PLATE		
WIDTH (W)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	Without Plinth	H100 with Plinth	H200 with Plinth
400	500	704.185.011	704.185.111	704.185.211	704.185.000	704.185.100	704.185.200
400	600	704.186.011	704.186.111	704.186.211	704.186.000	704.186.100	704.186.200
600	400	706.184.011	706.184.111	706.184.211	706.184.000	706.184.100	706.184.200
600	500	706.185.011	706.185.111	706.185.211	706.185.000	706.185.100	706.185.200
600	600	706.186.011	706.186.111	706.186.211	706.186.000	706.186.100	706.186.200
800	400	708.184.011	708.184.111	708.184.211	708.184.000	708.184.100	708.184.200
800	500	708.185.011	708.185.111	708.185.211	708.185.000	708.185.100	708.1852.00
800	600	708.186.011	708.186.111	708.186.211	708.186.000	708.186.100	708.186.200
1000	400	710.184.011	710.184.111	710.184.211	710.184.000	710.184.100	710.184.200
1000	500	710.185.011	710.185.111	710.185.211	710.185.000	710.185.100	710.185.200
1000	600	710.186.011	710.186.111	710.186.211	710.186.000	710.186.100	710.186.200
1200	400	712.184.011	712.184.111	712.184.211	712.184.000	712.184.100	712.184.200
1200	500	712.185.011	712.185.111	712.185.211	712.185.000	712.185.100	712.185.200
1200	600	712.186.011	712.186.111	712.186.211	712.186.000	712.186.100	712.186.200

Height (H) 1800		GLAZED DOOR, MOUNTING PLATE			GLAZED DOOR, without MOUNTING PLATE		
WIDTH (W)	DEPTH (D)	Without Plinth	H100 with Plinth	H200 with Plinth	Without Plinth	H100 with Plinth	H200 with Plinth
600	400	776.184.011	776.184.111	776.184.211	776.184.000	776.184.100	776.184.200
600	500	776.185.011	776.185.111	776.185.211	776.185.000	776.185.100	776.185.200
600	600	776.186.011	776.186.111	776.186.211	776.186.000	776.186.100	776.186.200
800	400	778.184.011	778.184.111	778.184.211	778.184.000	778.184.100	778.184.200
800	500	778.185.011	778.185.111	778.185.211	778.185.000	778.185.100	778.185.200
800	600	778.186.011	778.186.111	778.186.211	778.186.000	778.186.100	778.186.200

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

SIZES and MODELS (ASSEMBLED)

Height (H) 2000		SOLID DOOR, MOUNTING PLATE			SOLID DOOR, Without MOUNTING PLATE		
Width (W)	Depth (D)	Without Plinth	H100 with Plinth	H200 with Plinth	Without Plinth	H100 with Plinth	H200 with Plinth
400	500	704.205.011	704.205.111	704.205.211	704.205.000	704.205.100	704.205.200
400	600	704.206.011	704.206.111	704.206.211	704.206.000	704.206.100	704.206.200
400	800	704.208.011	704.208.111	704.208.211	704.208.000	704.208.100	704.208.200
600	400	706.204.011	706.204.111	706.204.211	706.204.000	706.204.100	706.204.200
600	500	706.205.011	706.205.111	706.205.211	706.205.000	706.205.100	706.205.200
600	600	706.206.011	706.206.111	706.206.211	706.206.000	706.206.100	706.206.200
600	800	706.208.011	706.208.111	706.208.211	706.208.000	706.208.100	706.208.200
600	1000	706.200.011	706.200.111	706.200.211	706.200.000	706.210.000	706.220.000
700	400	707.204.011	707.204.111	707.204.211	707.204.000	707.204.100	707.204.200
700	500	707.20.5011	707.205.111	707.205.211	707.205.000	707.205.100	707.205.200
700	600	707.206.011	707.206.111	707.206.211	707.206.000	707.206.100	707.206.200
700	800	707.208.011	707.208.111	707.208.211	707.208.000	707.208.100	707.208.200
800	400	708.204.011	708.204.111	708.204.211	708.204.000	708.204.100	708.204.200
800	500	708.205.011	708.205.111	708.205.211	708.205.000	708.205.100	708.205.200
800	600	708.206.011	708.206.111	708.206.211	708.206.000	708.206.100	708.206.200
800	800	708.208.011	708.208.111	708.208.211	708.208.000	708.208.100	708.208.200
800	1000	708.200.011	708.200.111	708.200.211	708.200.000	708.210.000	708.220.000
1000	400	710.204.011	710.204.111	710.204.211	710.204.000	710.204.100	710.204.200
1000	500	710.205.011	710.205.111	710.205.211	710.205.000	710.205.100	710.205.200
1000	600	710.206.011	710.206.111	710.206.211	710.206.000	710.206.100	710.206.200
1000	800	710.208.011	710.208.111	710.208.211	710.208.000	710.208.100	710.208.200
1200	400	712.204.011	712.204.111	712.204.211	712.204.000	712.204.100	712.204.200
1200	500	712.205.011	712.205.111	712.205.211	712.205.000	712.205.100	712.205.200
1200	600	712.206.011	712.206.111	712.206.211	712.206.000	712.206.100	712.206.200
1200	800	712.208.011	712.208.111	712.208.211	712.208.000	712.208.100	712.208.200

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

SIZES and MODELS (ASSEMBLED)

Height (H) 2000		GLAZED DOOR, MOUNTING PLATE			Side Panel (2 Pcs)	GLAZED DOOR, without MOUNTING PLATE		
Width (W)	Depth (D)	Without Plinth	H100 with Plinth	H200 with Plinth		Without Plinth	H100 with Plinth	H200 with Plinth
600	400	776.204.011	776.204.111	776.204.211	706.204	776.204.000	776.204.100	776.204.200
600	500	776.205.011	776.205.111	776.205.211	706.205	776.205.000	776.205.100	776.205.200
600	600	776.206.011	776.206.111	776.206.211	706.206	776.206.000	776.206.100	776.206.200
600	800	776.208.011	776.208.111	776.208.211	706.208	776.208.000	776.208.100	776.208.200
600	1000	776.200.011	776.200.111	776.200.211	706.200	776.200.000	776.210.000	776.220.000
700	400	777.204.011	777.20.4111	777.204.211	706.204	777.204.000	777.204.100	777.204.200
700	500	777.205.011	777.205.111	777.205.211	706.205	777.205.000	777.205.100	777.205.200
700	600	777.206.011	777.206.111	777.206.211	706.206	777.206.000	777.206.100	777.206.200
700	800	777.208.011	777.208.111	777.208.211	706.208	777.208.000	777.208.100	777.208.200
800	400	778.204.011	778.204.111	778.204.211	706.204	778.204.000	778.204.100	778.204.200
800	500	778.205.011	778.205.111	778.205.211	706.205	778.205.000	778.205.100	778.205.200
800	600	778.206.011	778.206.111	778.206.211	706.206	778.206.000	778.206.100	778.206.200
800	800	778.208.011	778.208.111	778.208.211	706.208	778.208.000	778.208.100	778.208.200
800	1000	778.200.011	778.200.111	778.200.211	706.200	778.200.000	778.210.100	778.210.200

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

SOLID DOOR, MOUNTING PLATE						
Height (H) 2200						Side Panel (2 Pcs)
Width (W)	Height (H)	Depth (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	2200	600	706.226..011	706.226.111	706.165.211	706.226
800	2200	600	708.226011	708.226.111	708.165.211	706.226
1200	2200	600	712.226.011	712.226.111	712.165.211	706.226

SOLID DOOR, without MOUNTING PLATE						
Height (H) 2200						Side Panel (2 Pcs)
Width (W)	Height (H)	Depth (D)	Without Plinth	H100 with Plinth	H200 with Plinth	
600	2200	600	706.226.000	706.226.100	706.226.200	706.226
800	2200	600	708.226.000	708.226.100	708.226.200	706.226
1200	2200	600	712.226.000	712.226.100	712.226.200	706.226

ATTENTION : Mounting Plate thickness of the mounting plate is chosen as 3,00 mm as standard.
ATTENTION : Mounting Plate, Side Panel and Plinth are optional as per selection table
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 711.000**
SUPPLY INCLUDES : Top / Bottom Group, Vertical Frame Group, Front Door, Rear Panel

FLOORSTANDING CABINET

HIGHLIGHTS

FRAME STRUCTURE

- 2 welded front-rear frames which made by 1,50 mm material
- Semi-closed vertical and Width profiles
- Closed depth profiles

EARTHING CONTINUITY

- Earthing continuity thanks to welded vertical and horizontal profiles
- Earthing continuity thanks to special design of fastener between front-rear frames and depth profiles.

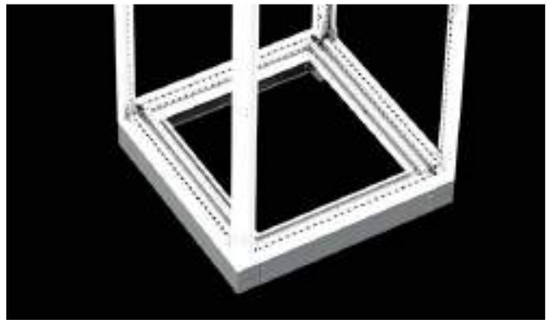
FRONT DOOR and LOCKING SYSTEM

- 4 points locking and hinging system on the outside of the frame
- Push button working system of swing handle
- Modifiable insert system from cylinder inserts to other universal inserts like doublebit, square etc.
- Perforated door stiffeners in largest positioning.

HIGHLIGHTS

IP PROTECTION and NEMA CATEGORIES

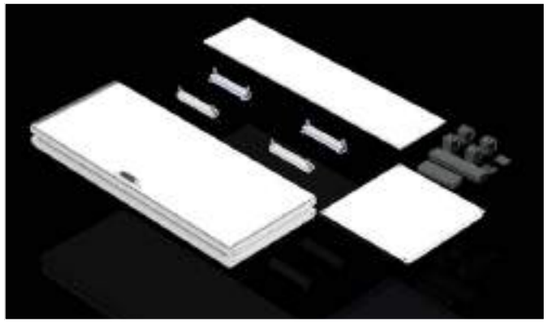
- IP 54 Protection related to EN 60 529 and NEMA 1 provided for Double Door.
- Using gasket for all door, rear door, side panel top cover etc. Due to this gasket,without any opreration, full isolation is provided between -40°C & +100°C



- IP 55 Protection related to EN 60 529 and NEMA 12 provided for Single Door.
- Using gasket for all door, rear door, side panel top cover etc. Due to this gasket,without any opreration, full isolation is provided between -40°C & +100°C

ASSEMBLING AND LOGISTICAL ADVANTAGES

ASSEMBLING STEP 1



ASSEMBLING STEP 2

ASSEMBLING STEP 3

ASSEMBLING STEP 4

- Offered as flat package, the NEO Modular system is designed for an easy mounting in minimal amount of time. It does not require angulation for body and can be mounted 15-20 min. by two person.
- Offered as flat package, the NEO Modular system saves space during transportation and storage.

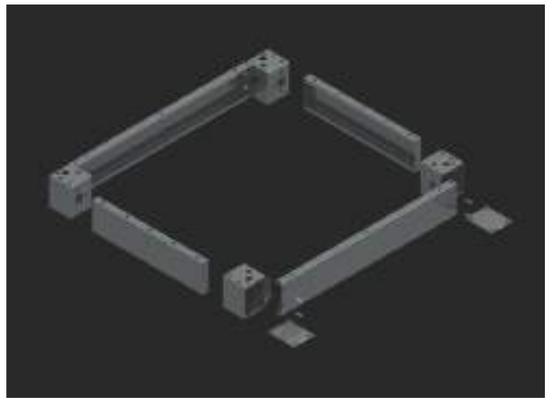
You can access
the NEO Modular assembly video
by scanning the QR code.

ASSEMBLING AND LOGISTICAL ADVANTAGES

MOUNTING PLATE SYSTEM

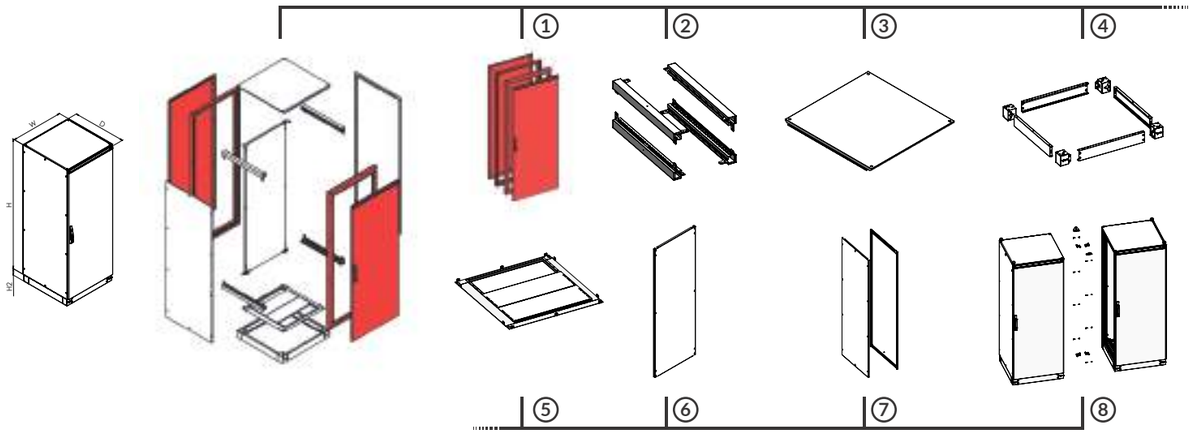
- Neo Modular and Neo Monoblock frame system are same as Teos frame related with the internal dimensions. Therefore Mounting plate system of Teos which includes 3mm thickness and 2mm thickness can adapte to Neo Modular and Neo monoblock design.

PLINTH SYSTEM

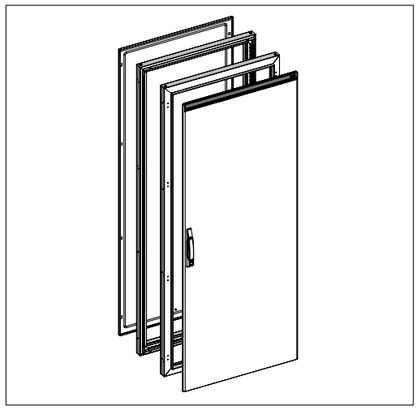


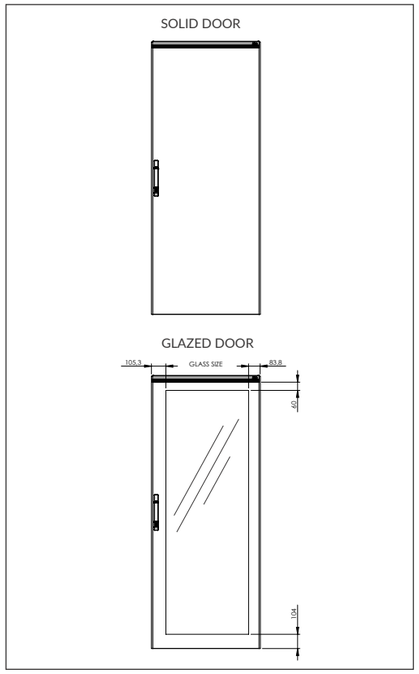
- Neo Modular and Neo monoblock frame system are same as Teos frame related with the bottom dimensions. Therefore plinth system of TEOS which includes H100mm and H200mm version can adapte to Neo Modular and Neo monoblock design.

SIZES and MODELS (DISASSEMBLED)



STEP 1 – MAIN BODY GROUP





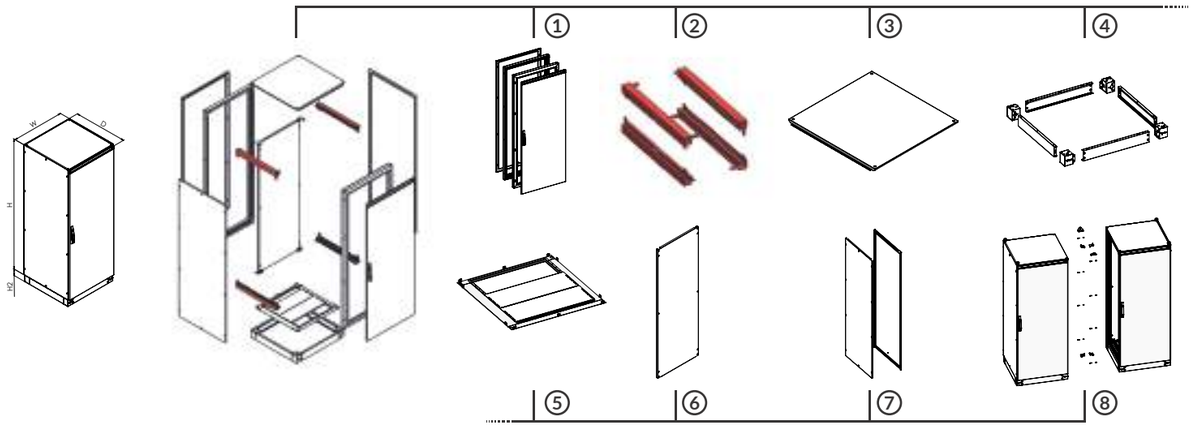
Material :
Welded frames : 1,50 mm Galvanized Steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Front door : 1,50 mm Mild Steel + Nano Plating + Electrostatic Powder Coating RAL 7035
Rear Panel : 1,20 mm Mild Steel + Nano Plating + Electrostatic Powder Coating RAL 7035

Supply Includes :
2 pcs welded frame, 1 pcs front door, 1 pcs rear panel, lock-parts, hinges and required assembling parts.

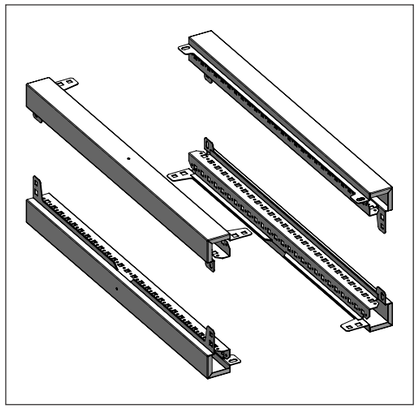
NOTE : There are 2 version in selection. Version 1 is solid design. Version 2 is glazed door
NOTE : 1000 mm and 1200 mm width enclosures are double doors.

PRODUCT CODE		ENCLOSURE DIMENSION	
VERSION 1 SOLID DOOR	VERSION 2 GLAZED DOOR	WINDTH (mm)	HEIGHT (mm)
616.121		1200	600
618.121		1200	800
616.161		1600	600
618.161		1600	800
616.181	616.182	1800	600
618.181	618.182	1800	800
610.181		1800	1000
612.181		1800	1200
614.201		2000	400
616.201	616.202	2000	600
617.201	617.202	2000	700
618.201	618.202	2000	800
610.201		2000	1000
612.201		2000	1200

SIZES and MODELS (DISASSEMBLED)



STEP 2 – FRAME DEPTH PARTS

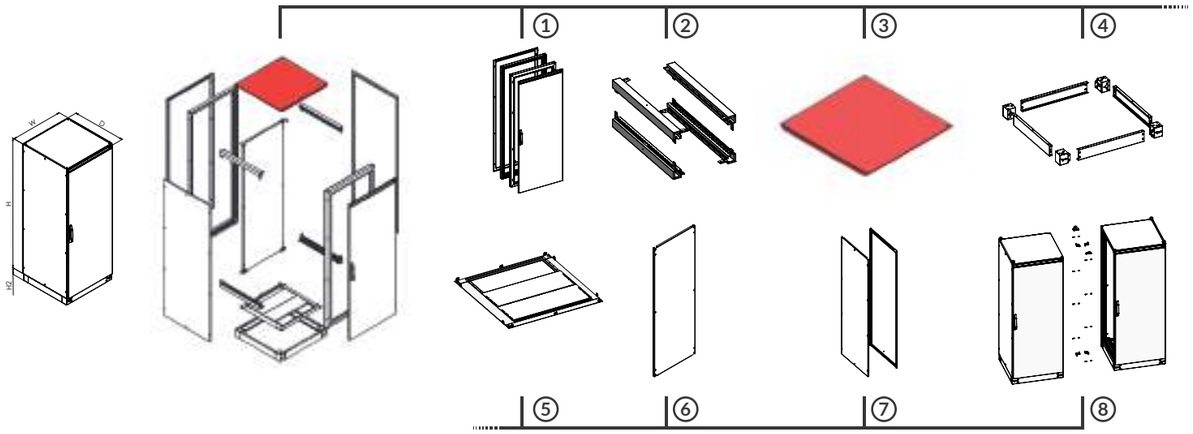


Materials :
Depth parts : 1,50 mm Galvanized + Nano Plating + Electrostatic Powder Coating RAL 7035

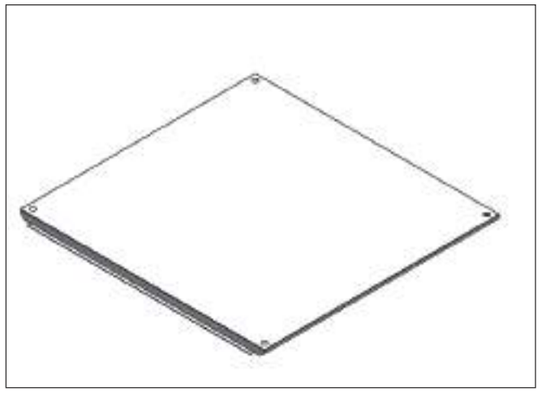
Supply Includes :
4 pcs Frame Depth Parts and required Assembling Parts

PRODUCT CODE	ENCLOSURE DEPTH (mm)
620.400	400
620.500	500
620.600	600
620.800	800

SIZES and MODELS (DISASSEMBLED)



STEP 3 – TOP COVER



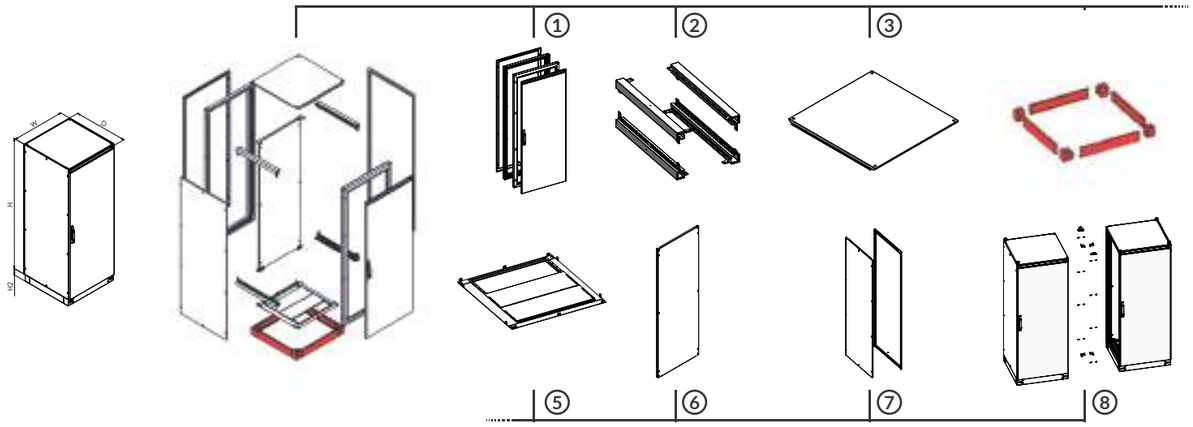
Materials :
1,20 mm mild steel + Nano Plating + Electrostatic Powder Coating RAL 7035

Supply Includes :
1 pcs Top Cover and required Assembling Parts

PRODUCT CODE	ENCLOSURE DIMENSION	
	Width (mm)	Depth (mm)
624.500	400	500
624.600	400	600
624.800	400	800
626.400	600	400
626.500	600	500
626.600	600	600
626.800	600	800
627.400	700	400
627.500	700	500
627.600	700	600
627.800	700	800

PRODUCT CODE	ENCLOSURE DIMENSION	
	Width (mm)	Depth (mm)
628.400	800	400
628.500		500
628.600		600
628.800		800
621.400	1000	400
621.500		500
621.600		600
621.800		800
622.400	1200	400
622.500		500
622.600		600
622.800		800

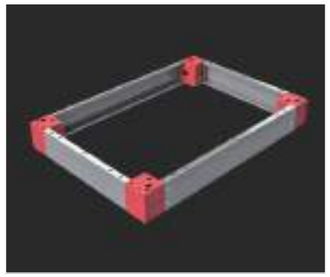
SIZES and MODELS (DISASSEMBLED)



STEP 4 – PLINTH PARTS

The design of Neo frame is same as Teos frame bottom sizes. Thanks to this advantage, plinth parts of Teos are avaible to assemble to NEO system.

PLINTH CORNER PART

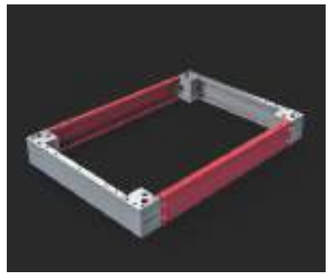


Material :
Corner part : 2,00 mm galvanized steel + RAL 7012 powder coating
Plastic panel : RAL 7012 ABS Plastic

Suplly Includes :4 pcs 100 mm or 200 mm high plinth corner part, 4 pcs plastic panel and mounting parts.

PRODUCT CODE	TEOS PLINTH HEIGHT (mm)
708.100	100
708.200	200

PLINTH FRONT COVER



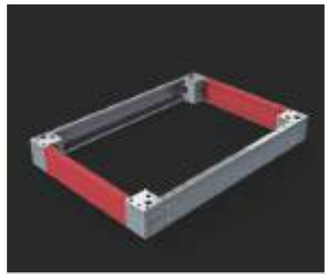
Material :
100 mm plinth front cover : 1,50 mm galvanized steel + RAL 7012 powder coating

Suplly Includes 2 pcs 100 mm high plint front cover, mounting parts.

REQUIRED : 2 set of side plinth cover group for 200 mm height plints

PRODUCT CODE	ENCLOSURE WIDTH (mm)
709.140	400
709.160	600
709.170	700
709.180	800
709.100	1000
709.120	1200

PLINTH SIDE COVER



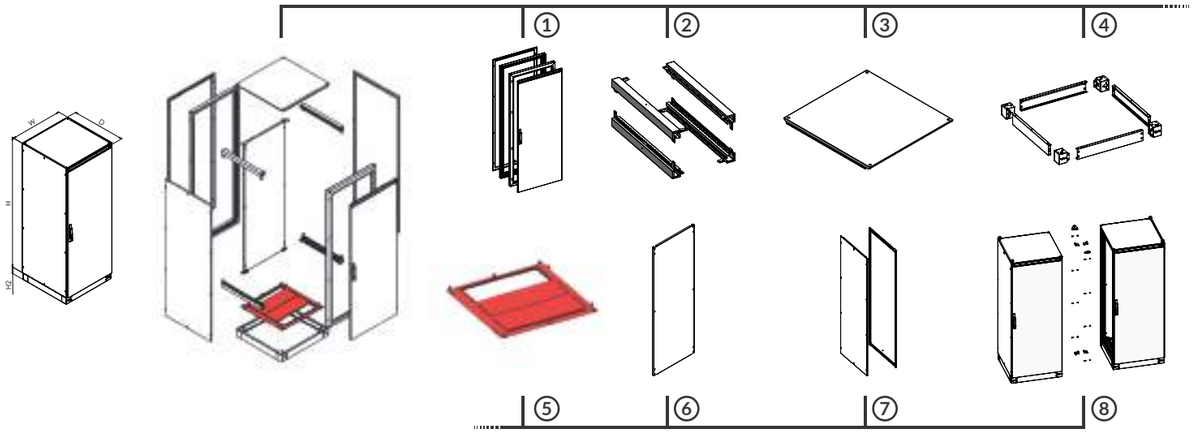
Material :
100 mm plinth side cover : 1,50 mm galvanized steel + RAL 7012 powder coating

Suplly Includes 2 pcs 100 mm high plinth side part, mounting parts.

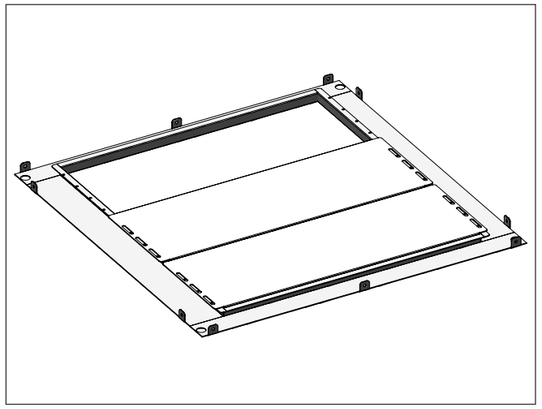
REQUIRED : 2 set of side plinth cover group for 200 mm height plints

PRODUCT CODE	ENCLOSURE DEPTH (mm)
710.140	400
710.150	500
710.160	600
710.180	800

SIZES and MODELS (DISASSEMBLED)



STEP 5 – GLAND PLATE SYSTEM



Material :
Plate holder: 1,50 mm galvanized steel + RAL 7035 powder coating
Gland Plates : 1,50 mm galvanized steel

Supply Includes :
2 pcs width plate holders, 2 pcs depth plate holders, 3 or 4 pcs gland plates related with depth size

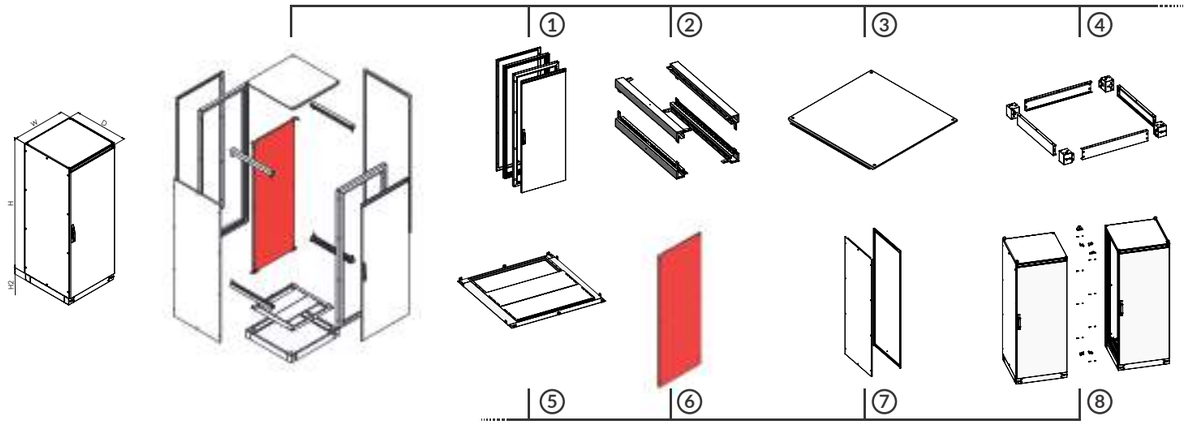
NOTE : The design of Neo frame is same as Teos frame bottom sizes. Thanks to this advantage, plinth parts of Teos are avaible to

PRODUCT CODE	ENCLOSURE DIMENSIONS	
	WIDTH (mm)	DEPTH (mm)
634.500	400	500
634.600	400	600
634.800	400	800
636.400	600	400
636.500	600	500
636.600	600	600
636.800	600	800
637.400	700	400
637.500	700	500
637.600	700	600
637.800	700	800

PRODUCT CODE	ENCLOSURE DIMENSIONS	
	Width (mm)	Depth (mm)
638.400	800	400
638.500	800	500
638.600	800	600
638.800	800	800
631.400	1000	400
631.500	1000	500
631.600	1000	600
631.800	1000	800
632.400	1200	400
632.500	1200	500
632.600	1200	600
632.800	1200	800

NEO MODULAR SERIES

SIZES and MODELS (DISASSEMBLED)



STEP 6 – MOUNTING PLATE (3 mm thickness)

Material:
3,00 mm Galvanized Steel

Supply Includes :
1 pcs Mounting Plate and Assembling Parts

	Height (mm)			
Width (mm)	1200	1600	1800	2000
400	-	-	707.418	707.420
600	707.612	707.616	707.618	707.620
700	-	-	-	707.720
800	707.812	707.816	707.818	707.820
1000	-	-	707.018	707.020
1200	-	-	707.218	707.220

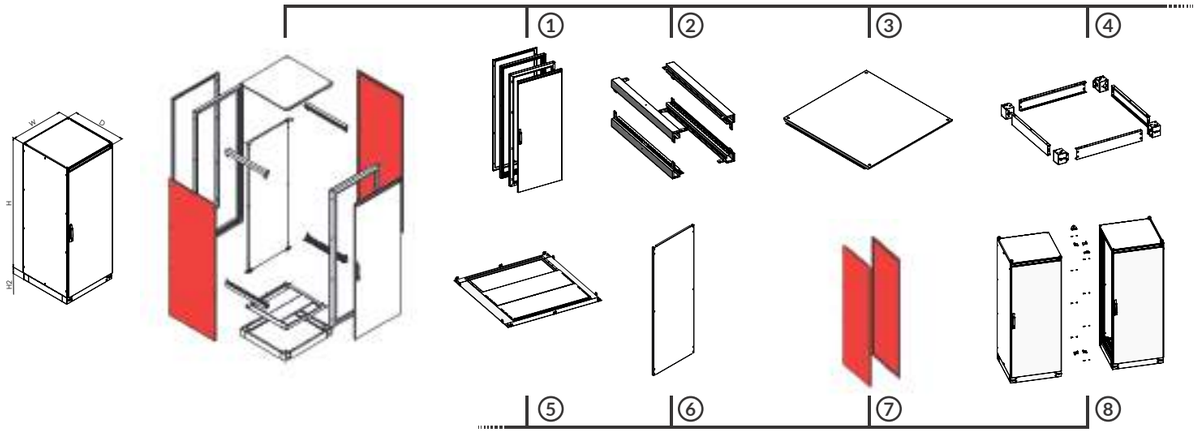
STEP 6 – MOUNTING PLATES (2 mm thickness)

Material:
2,00 mm Galvanized Steel

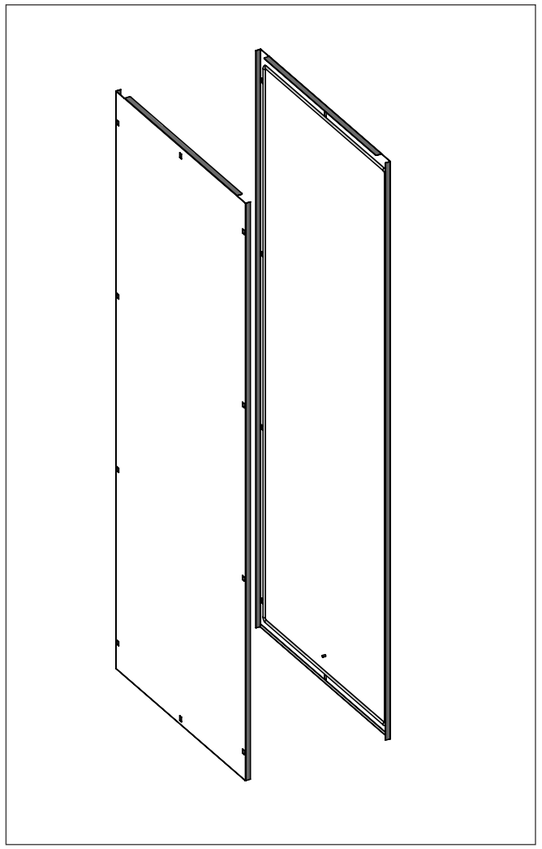
Supply Includes :
1 pcs Mounting Plate and Assembling Parts

	Height (mm)			
Width (mm)	1200	1600	1800	2000
400	-	-	717.418	717.420
600	717.612	717.616	717.618	717.620
700	-	-	-	717.720
800	717.812	717.816	717.818	717.820

SIZES and MODELS (DISASSEMBLED)



STEP 7 – SIDE PANEL (2 pcs)



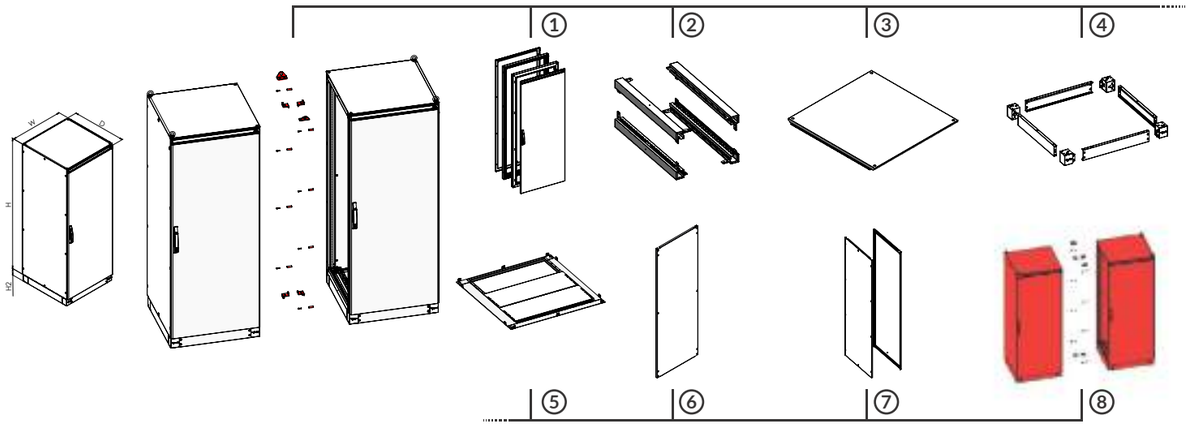
Material:
1,20 mm mild steel + RAL 7035 powder coating

Supply Includes : 2 pcs side panel and assembling parts

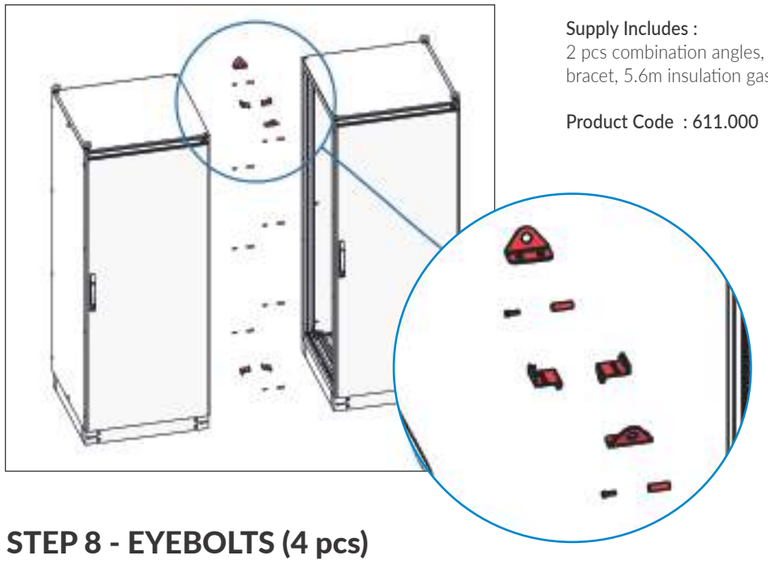
PRODUCT CODE	ENCLOSURE DIMENSION	
	Width (mm)	Depth (mm)
632.125	1200	500
632.165	1600	500
632.184	1800	400
632.185	1800	500
632.186	1800	600
632.204	2000	400
632.205	2000	500
632.206	2000	600
632.208	2000	800

NEO MODULAR SERIES

SIZES and MODELS (DISASSEMBLED)



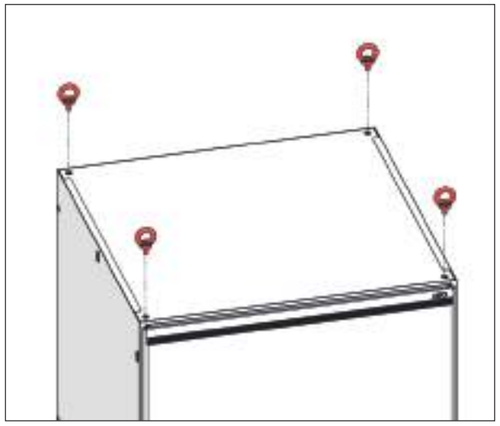
STEP 8 – BAYING KIT



Supply Includes :
2 pcs combination angles, 8 set M6 fasteners, 2 pcs adjustable bracet, 5.6m insulation gasket and assembling parts

Product Code : 611.000

STEP 8 - EYEBOLTS (4 pcs)



Supply Includes :
4 pcs M12 eyebolts Product Code : 612.000

Note : It is required for each cubic and combination panels. This accessory is not included in standart package.

SIZES and MODELS (DISASSEMBLED)

ENCLOSURE DEPTH 500 mm (D)		Height 1200 mm	
		ENCLOSURE WIDTH mm (W)	
Step	Product Description	Single Door 600	Single Door 800
1	BODY GROUP	616.121	618.121
2	DEPTH PARTS	620.500	620.500
3	TOP COVER	626.500	628.500
4(1)	PLINTH CORNER H100(H2)	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.160	709.180
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150
5	GLAND PLATE SYSTEM	636.500	638.500
6	MOUNTING PLATE 2,00mm	717.612	717.812
6	MOUNTING PLATE 3,00mm	707.612	707.812
7	SIDE PANEL	632.125	632.125
8(1)	NEO BAYING KIT	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000

ENCLOSURE DEPTH 500 mm (D)		Height 1600 mm	
		ENCLOSURE WIDTH mm	
Step	Product Description	Single Door 600	Single Door 800
1	BODY GROUP	616.161	618.161
2	DEPTH PARTS	620.500	620.500
3	TOP COVER	626.500	628.500
4(1)	PLINTH CORNER H100(H2)	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.160	709.180
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150
5	GLAND PLATE SYSTEM	636.500	638.500
6	MOUNTING PLATE 2,00mm	717.616	717.816
6	MOUNTING PLATE 3,00mm	707.616	707.816
7	SIDE PANEL	632.165	632.165
8(1)	NEO BAYING KIT	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000

ENCLOSURE DEPTH 400 mm		Height 1800 mm			
		ENCLOSURE WIDTH mm			
Step	Product Description	Single Door 600	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	616.181	618.181	610.181	612.181
2	DEPTH PARTS	620.400	620.400	620.400	620.400
3	TOP COVER	626.400	628.400	621.400	622.400
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.160	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.140	710.140	710.140	710.140
5	GLAND PLATE SYSTEM	636.400	638.400	631.400	632.400
6	MOUNTING PLATE 2,00mm	717.618	717.818	*	*
6	MOUNTING PLATE 3,00mm	707.618	707.818	707.018	707.218
7	SIDE PANEL	632.184	632.184	632.184	632.184
8(1)	NEO BAYING KIT	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000

SIZES and MODELS (DISASSEMBLED)

ENCLOSURE DEPTH 500 mm (D)		Height 1800 mm			
		ENCLOSURE WIDTH mm (W)			
Step	Product Description	Single Door 600	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	616.181	618.181	610.181	612.181
2	DEPTH PARTS	620.500	620.500	620.500	620.500
3	TOP COVER	626.500	628.500	621.500	622.500
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.160	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150	710.150	710.150
5	GLAND PLATE SYSTEM	636.500	638.500	631.500	632.500
6	MOUNTING PLATE 2,00mm	717.618	717.818	*	*
6	MOUNTING PLATE 3,00mm	707.618	707.818	707.018	707.218
7	SIDE PANEL	632.185	632.185	632.185	632.185
8(1)	NEO BAYING KIT	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612000	612000	612000	612000

ENCLOSURE DEPTH 600 mm (D)		Height 1800 mm			
		ENCLOSURE WIDTH mm			
Step	Product Description	Single Door 600	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	616.181	618.181	610.181	612.181
2	DEPTH PARTS	620.600	620.600	620.600	620.600
3	TOP COVER	626.600	628.600	621.600	622.600
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.160	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.160	710.160	710.160	710.160
5	GLAND PLATE SYSTEM	636.600	638.600	631.600	632.600
6	MOUNTING PLATE 2,00mm	717.618	717.818	*	*
6	MOUNTING PLATE 3,00mm	707.618	707.818	707.018	707.218
7	SIDE PANEL	632.186	632.186	632.186	632.186
8(1)	NEO BAYING KIT	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 400 mm (D)		Height 2000 mm					
		ENCLOSURE WIDTH mm					
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	*	616.201	617.201	618.201	610.201	612.201
2	DEPTH PARTS	*	620.400	620.400	620.400	620.400	620.400
3	TOP COVER	*	626.400	627.400	628.400	621.400	622.400
4(1)	PLINTH CORNER H100(H2)	*	708.100	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	*	708.200	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	*	709.160	709.170	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	*	710.140	710.140	710.140	710.140	710.140
5	GLAND PLATE SYSTEM	*	636.400	637.400	638.400	631.400	632.400
6	MOUNTING PLATE 2,00mm	*	717.620	717.720	717.820	*	*
6	MOUNTING PLATE 3,00mm	*	707.620	707.720	707.820	707.020	707.220
7	SIDE PANEL	*	632.204	632.204	632.204	632.204	632.204
8(1)	NEO BAYING KIT	*	611.000	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	*	612.000	612.000	612.000	612.000	612.000

SIZES and MODELS (DISASSEMBLED)

ENCLOSURE DEPTH 500 mm		Height 2000 mm					
		ENCLOSURE WIDTH mm					
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	614.201	616.201	617.201	618.201	610.201	612.201
2	DEPTH PARTS	620.500	620.500	620.500	620.500	620.500	620.500
3	TOP COVER	624.500	626.500	627.500	628.500	621.500	622.500
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.140	709.160	709.170	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150	710.150	710.150	710.150	710.150
5	GLAND PLATE SYSTEM	634.500	636.500	637.500	638.500	631.500	632.500
6	MOUNTING PLATE 2,00mm	*	717.620	717.720	717.820	*	*
6	MOUNTING PLATE 3,00mm	*	707.620	707.720	707.820	707.020	707.220
7	SIDE PANEL	632.205	632.205	632.205	632.205	632.205	632.205
8(1)	NEO BAYING KIT	611.000	611.000	611..000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 600 mm		Height 2000 mm					
		ENCLOSURE WIDTH mm					
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	614.201	616.201	617.201	618.201	610.201	612.201
2	DEPTH PARTS	620.600	620.600	620.600	620.600	620.600	620.600
3	TOP COVER	624.600	626.600	627.600	628.600	621.600	622.600
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.140	709.160	709.170	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150	710.150	710.150	710.150	710.150
5	GLAND PLATE SYSTEM	634.600	636.600	637.600	638.600	631.600	632.600
6	MOUNTING PLATE 2,00mm	*	717.620	717.720	717.820	*	*
6	MOUNTING PLATE 3,00mm	*	707.620	707.720	707.820	707.020	707.220
7	SIDE PANEL	632.206	632.206	632.206	632.206	632.206	632.206
8(1)	NEO BAYING KIT	611.000	611.000	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

ENCLOSURE DEPTH 800 mm		Height 2000 mm					
		ENCLOSURE WIDTH mm					
Step	Product Description	Single Door 400	Single Door 600	Single Door 700	Single Door 800	Double Door 1000	Double Door 1200
1	BODY GROUP	614.201	616.201	617.201	618.201	610.201	612.201
2	DEPTH PARTS	620.800	620.800	620.800	620.800	620.800	620.800
3	TOP COVER	624.800	626.800	627.800	628.800	621.800	622.800
4(1)	PLINTH CORNER H100(H2)	708.100	708.100	708.100	708.100	708.100	708.100
4(1)	PLINTH CORNER H200(H2)	708.200	708.200	708.200	708.200	708.200	708.200
4(2)	PLINTH FRONT COVER H100(H2)	709.140	709.160	709.170	709.180	709.100	709.120
4(3)	PLINTH SIDE COVER H100(H2)	710.150	710.150	710.150	710.150	710.150	710.150
5	GLAND PLATE SYSTEM	634.800	636.800	637.800	638.800	631.800	632.800
6	MOUNTING PLATE 2,00mm	*	717.620	717.720	717.820	*	*
6	MOUNTING PLATE 3,00mm	*	707.620	707.720	707.820	707.020	707.220
7	SIDE PANEL	632.208	632.208	632.208	632.208	632.208	632.208
8(1)	NEO BAYING KIT	611.000	611.000	611.000	611.000	611.000	611.000
8(2)	EYEBOLT(4 pcs.)	612.000	612.000	612.000	612.000	612.000	612.000

SIZES and MODELS (ASSEMBLED)

SOLID DOOR, MOUNTING PLATE						
Height 1200 mm						Side Panel (2 Pcs)
WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	Without plinth	H100 Plinth	H200Plinth	
600	1200	500	646.125.011	646.125.111	646.125.211	632.125
800	1200	500	648.125.011	648.125.111	648.125.211	632.125

SOLID DOOR, without MOUNTING PLATE						
Height 1200 mm						Side Panel (2 Pcs)
WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	Without plinth	H100 Plinth	H200Plinth	
600	1200	500	646.125.000	646.125.100	646.125.200	632.125
800	1200	500	648.125.000	648.125.100	648.125.200	632.125

ATTENTION : Mounting plate's thickness is standard 2mm for 600W-800W, but; for 1000W-1200W chosen 3,00mm thickness.
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 611.000**
ATTENTION : If the carrier Eyebolt is required for each column in single column panels and for each combined system in combined systems. Eyebolt(pcs) **Product Code : 612.000**

SOLID DOOR, MOUNTING PLATE						
Height 1600 mm						Side Panel (2 Pcs)
WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	Without plinth	H100 Plinth	H200Plinth	
600	1600	500	646.165.011	646.165.111	646.165.211	632.165
800	1600	500	648.165.011	648.165.111	648.165.211	632.165

SOLID DOOR, without MOUNTING PLATE						
Height 1600 mm						Side Panel (2 Pcs))
WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	Without plinth	H100 Plinth	H200Plinth	
600	1600	500	646.165.000	646.165.100	646.165.200	632.165
800	1600	500	648.165.000	648.165.100	648.165.200	632.165

ATTENTION : Mounting plate's thickness is standard 2mm for 400W-800W, but; for 1000W-1200W chosen 3,00mm thickness.
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 611.000**
ATTENTION : If the carrier Eyebolt is required for each column in single column panels and for each combined system in combined systems. Eyebolt(pcs) **Product Code : 612.000**

SIZES and MODELS (ASSEMBLED)

Height 1800 mm		SOLID DOOR, MOUNTING PLATE			Side Panel (2 Pcs))	SOLID DOOR, without MOUNTING PLATE		
Width (mm)	Depth (mm)	Without Plinth	H100 with Plinth	H200 with Plinth		Without Plinth	H100 with Plinth	H200 with Plinth
600	400	646.184.011	646.184.111	646.184.211	632.184	646.184.000	646.184.100	646.184.200
600	500	646.185.011	646.185.111	646.185.211	632.185	646.185.000	646.185.100	646.185.200
600	600	646.186.011	646.186.111	646.186.211	632.186	646.186.000	646.186.100	646.186.200
800	400	648.184.011	648.184.111	648.184.211	632.184	648.184.000	648.184.100	648.184.200
800	500	648.185.011	648.185.111	648.185.211	632.185	648.185.000	648.185.100	648.185.200
800	600	648.186.011	648.186.111	648.186.211	632.186	648.186.000	648.186.100	648.186.200
1000	400	640.184.011	640.184.111	640.184.211	632.184	640.184.000	640.184.100	640.184.200
1000	500	640.185.011	640.185.111	640.185.211	632.185	640.185.000	640.185.100	640.185.200
1000	600	640.186.011	640.186.111	640.186.211	632.186	640.186.000	640.186.100	640.186.200
1200	400	642.184.011	642.184.111	642.184.211	632.184	642.184.000	642.184.100	642.184.200
1200	500	642.185.011	642.185.111	642.185.211	632.185	642.185.000	642.185.100	642.185.200
1200	600	642.186.011	642.186.111	642.186.211	632.186	642.186.000	642.186.100	642.186.200

Height 1800 mm		GLAZED DOOR, MOUNTING PLATE			Side Panel (2 Pcs))	GLAZED DOOR, without MOUNTING PLATE		
Width (mm)	Depth (mm)	Without Plinth	H100 with Plinth	H200 with Plinth		Without Plinth	H100 with Plinth	H200 with Plinth
600	400	676.184.011	676.184.111	676.184.211	632.184	676.184.000	676.184.100	676.184.200
600	500	676.185.011	676.185.111	676.185.211	632.185	676.185.000	676.185.100	676.185.200
600	600	676.186.011	676.186.111	676.186.211	632.186	676.186.000	676.186.100	676.186.200
800	400	678.184.011	678.184.111	678.184.211	632.184	678.184.000	678.184.100	678.184.200
800	500	678.185.011	678.185.111	678.185.211	632.185	678.185.000	678.185.100	678.185.200
800	600	678.186.011	678.186.111	678.186.211	632.186	678.186.000	678.186.100	678.186.200

ATTENTION : Mounting plate's thickness is standard 2mm for 400W-800W, but; for 1000W-1200W chosen 3,00mm thickness.
ATTENTION : Mounting Plate, Side Panel, Plinth are optional as per selection table.
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 611.000**
ATTENTION : If the carrier Eyebolt is required for each column in single column panels and for each combined system in combined systems. Eyebolt(pcs) **Product Code : 612.000**
SUPPLY INCLUDES : Main Body Group, Frame Depth Parts, Top Cover, Gland Plate System.

NEO MODULAR SERIES

SIZES and MODELS (ASSEMBLED)

Height 2000 mm		SOLID DOOR, MOUNTING PLATE			Side Panel (2 Pcs))	SOLID DOOR, without MOUNTING PLATE		
Width (mm)	Depth (mm)	Without Plinth	H100 with Plinth	H200 with Plinth		Without Plinth	H100 with Plinth	H200 with Plinth
400	500	644.205.011	644.205.111	644.205.211	632.205	644.205.000	644.205.100	644.205.200
400	600	644.206.011	644.206.111	644.206.011	632.206	644.206.000	644.206.100	644.206.200
400	800	644.208.011	644.208.111	644.208.211	632.208	644.208.000	644.208.100	644.208.200
600	400	646.204.011	646.204.111	646.204.211	632.204	646.204.000	646.204.100	646.204.200
600	500	646.205.011	646.205.111	646.205.211	632.205	646.205.000	646.205.100	646.205.200
600	600	646.206.011	646.206.111	646.206.211	632.206	646.206.000	646.206.100	646.206.200
600	800	646.208.011	646.208.111	646.208.211	632.208	646.208.000	646.208.100	646.208.200
700	400	647.204.011	647.204.111	647.204.211	632.204	647.204.000	647.204.100	647.204.200
700	500	647.205.011	647.205.111	647.205.211	632.205	647.205.000	647.205.100	647.205.200
700	600	647.206.011	647.206.111	647.206.211	632.206	647.206.000	647.206.100	647.206.200
700	800	647.208.011	647.208.111	647.208.211	632.208	647.208.000	647.208.100	647.208.200
800	400	648.204.011	648.204.111	648.204.211	632.204	648.204.000	648.204.100	648.204.200
800	500	648.205.011	648.205.111	648.205.211	632.205	648.205.000	648.205.100	648.205.200
800	600	648.206.011	648.206.111	648.206.211	632.206	648.206.000	648.206.100	648.206.200
800	800	648.208.011	648.208.111	648.208.211	632.208	648.208.000	648.208.100	648.208.200
1000	400	640.204.011	640.204.111	640.204.211	632.204	640.204.000	640.204.100	640.204.200
1000	500	640.205.011	640.205.111	640.205.211	632.205	640.205.000	640.205.100	640.205.200
1000	600	640.206.011	640.206.111	640.206.211	632.206	640.206.000	640.206.100	640.206.200
1000	800	640.208.011	640.208.111	640.208.211	632.208	640.208.000	640.208.100	640.208.200
1200	400	642.204.011	642.204.111	642.204.211	632.204	642.204.000	642.204.100	642.204.200
1200	500	642.205.011	642.205.111	642.205.211	632.205	642.205.000	642.205.100	642.205.200
1200	600	642.206.011	642.206.111	642.206.211	632.206	642.206.000	642.206.100	642.206.200
1200	800	642.208.011	642.208.111	642.208.211	632.208	642.208.000	642.208.100	642.208.200

Height 2000 mm		GLAZED DOOR, MOUNTING PLATE			Side Panel (2 Pcs))	GLAZED DOOR, without MOUNTING PLATE		
Width (mm)	Depth (mm)	Without Plinth	H100 with Plinth	H200 with Plinth		Without Plinth	H100 with Plinth	H200 with Plinth
600	400	676.204.011	676.204.111	676.204.211	632.204	676.204.000	676.204.100	676.204.200
600	500	676.205.011	676.205.111	676.205.211	632.205	676.205.000	676.205.100	676.205.200
600	600	676.206.011	676.206.111	676.206.211	632.206	676.206.000	676.206.100	676.206.200
600	800	676.208.011	676.208.111	676.208.211	632.208	676.208.000	676.208.100	676.208.200
700	400	677.204.011	677.204.111	677.204.211	632.204	677.204.000	677.204.100	677.204.200
700	500	677.205.011	677.205.111	677.205.211	632.205	677.205.000	677.205.100	677.205.200
700	600	677.206.011	677.206111	677.206.211	632.206	677.206.000	677.206.100	677.206.200
700	800	677.208.011	677.208.111	677.208.211	632.208	677.208.000	677.208.100	677.208.200
800	400	678.204.011	678.204.111	678.204.211	632.204	678.204.000	678.204.100	678.204.200
800	500	678.205.011	678.205.111	678.205.211	632.205	678.205.000	678.205.100	678.205.200
800	600	678.206.011	678.206.111	678.206.211	632.206	678.206.000	678.206.100	678.206.200
800	800	678.208.011	678.208.111	678.208.211	632.208	678.208.000	678.208.100	678.208.200

ATTENTION : Mounting plate's thickness is standard 2mm for 400W-800W, but; for 1000W-1200W chosen 3,00mm thickness.
ATTENTION : Mounting Plate, Side Panel, Plinth are optional as per selection table.
REQUIRED : For panel assembly, a baying kit is required for each baying point. Baying Kit **Product Code: 611.000**
ATTENTION : If the carrier Eyebolt is required for each column in single column panels and for each combined system in combined systems. Eyebolt(pcs) **Product Code : 612.000**
SUPPLY INCLUDES : Main Body Group, Frame Depth Parts, Top Cover, Gland Plate System.

NEMA 4

IP65

C3 CLASS

c UL us

EAC

IEC

DEKRA

UK CA

FLOORSTANDING CABINET

FRAME STRUCTURE

- Fully welded frame made from 1.5 mm material
- Semi-closed height and width profiles
- Fully closed and fixed sides

EARTING CONTINUITY

- On the inner surface of the front door, the grounding screws
- On the top and bottom are increasing the conductive surface to provide grounding continuity.

IP PROTECTION AND NEMA CATEGORIES

- For single doors; according to EN 60 529 resistance to water and dust in IP65 and NEMA 4 standards.
- For double doors; according to EN 60 529 resistance to water and dust in IP54 and NEMA12
- Foam gaskets are used on all doors; such as front door, rear door, which are close the enclosure. Thanks to this gasket applied; without any application, full insulation is provided between -40°C and +100°C

NEMA 4

IP65

C3 CLASS

UL US

EAC

IEC

DEKRA

UK CA

Material : Enclosure body, gland plate: 1,50mm Galvanized steel + RAL 7035 Powder Coating
Front door : 1,50mm sheet steel + RAL 7035 Powder coating
Rear Panel : 1,20mm sheet steel + RAL 7035 Powder Coating

IP Rate : IEC EN 60529 Single Door IP65

IK Rate : 12

Supply Includes : Enclosure body, front door, locks, hinges, gland plates, rear panel.

Optional : Without Mounting Plate (see page 139), Plinth parts (see page 154)

NOTE : Selected Plinth Parts and Mounting Plate can be mounted during the assembling.

ACCESSORIES:

Eyebolt pg: 165

Fixing Wall Rail Pg: 165

Other Accessories pg: 154-197

SIZES and MODELS (ASSEMBLED)

	ENCLOSURE		SOLID DOOR, MOUNTING PLATE			SOLID DOOR, without MOUNTING PLATE		
	Width (mm)	Depth (mm)	Without Plinth	H100 Plinth	H200 Plinth	Without Plinth	H100 Plinth	H200 Plinth
Height 1200 mm	600	400	656.124.011	656.124.111	656.124.211	656.124.000	656.124.100	656.124.200
	800	400	658.124.011	658.124.111	658.124.211	658.124.000	658.124.100	658.124.200
Height 1600 mm	600	400	656.164.011	656.164.111	656.164.211	656.164.000	656.164.100	656.164.200
	800	400	658.164.011	658.164.111	658.164.211	658.164.000	658.164.100	658.164.200
	800	500	658.165.011	658.165.111	658.165.211	658.165.000	658.165.100	658.165.200
Height 1800 mm	600	400	656.184.011	656.184.111	656.184.211	656.184.000	656.184.100	656.184.200
	800	400	658.184.011	658.184.111	658.184.211	658.184.000	658.184.100	658.184.200
	800	500	658.185.011	658.185.111	658.185.211	658.185.000	658.185.100	658.185.200
Height 2000 mm	600	400	656.204.011	656.204.111	656.204.211	656.204.000	656.204.100	656.204.200
	800	400	658.204.011	658.204.111	658.204.211	658.204.000	658.204.100	658.204.200
	800	500	658.205.011	658.205.111	658.205.211	658.205.000	658.205.100	658.205.200
	800	600	658.206.011	658.206.111	658.206.211	658.206.000	658.206.100	658.206.200

	ENCLOSURE		GLAZED DOOR, MOUNTING PLATE			GLAZED DOOR, without MOUNTING PLATE		
	Width (mm)	Depth (mm)	Without Plinth	H100 Plinth	H200 Plinth	Without Plinth	H100 Plinth	H200 Plinth
Height 1800 mm	600	400	666.184.011	666.184.111	666.184.211	666.184.000	666.184.100	666.184.200
	800	400	668.184.011	668.184.111	668.184.211	668.184.000	668.184.100	668.184.200
	800	500	668.185.011	668.185.111	668.185.211	668.185.000	668.185.100	668.185.200
Height 2000 mm	600	400	666.204.011	666.204.111	666.204.211	666.204.000	666.204.100	666.204.200
	800	400	668.204.011	668.204.111	668.204.211	668.204.000	668.204.100	668.204.200
	800	500	668.205.011	668.205.111	668.205.211	668.205.000	668.205.100	668.205.200
	800	600	668.206.011	668.206.111	668.206.211	668.206.000	668.206.100	668.206.200

ATTENTION : Mounting plate thickness for single door enclosures is 2,00 mm.

SIZES and MODELS (ASSEMBLED)

NEMA 4

IP65

C3 CLASS

UL

EAC

IEC

DEKRA

UK CA

Material : Enclosure body, gland plate: 1,50mm Galvanized steel + RAL 7035 Powder Coating
Front door : 1,50mm sheet steel + RAL 7035 Powder coating
Rear Panel : 1,20mm sheet steel + RAL 7035 Powder Coating

IP Rate : IEC EN 60529 Double Door IP54

Supply Includes : Enclosure body, front door, locks, hinges, gland plates, rear panel.

Optional : Without Mounting Plate (see page 141), Plinth parts (see page 154)

NOTE : Selected Plinth parts and Mounting plate can be mounted during the assembling.

SIZES and MODELS (ASSEMBLED)

Height 2000 mm		SOLID DOOR, MOUNTING PLATE			SOLID DOOR, without MOUNTING PLATE		
Width (mm)	Depth (mm)	Without Plinth	H100 Plinth	H200 Plinth	Without Plinth	H100 Plinth	H200 Plinth
1000	400	650.204.011	650.204.111	650.204.211	650.204.000	650.204.100	650.204.200
1000	500	650.205.011	650.205.111	650.205.211	650.205.000	650.205.100	650.205.200
1200	400	652.204.011	652.204.111	652.204.211	652.204.000	652.204.100	652.204.200
1200	500	652.205.011	652.205.111	652.205.211	652.205.000	652.205.100	652.205.200
1200	600	652.206.011	652.206.111	652.206.211	652.206.000	652.206.100	652.206.200

ATTENTION : Mounting plate thickness for double door enclosures is 3,00 mm.

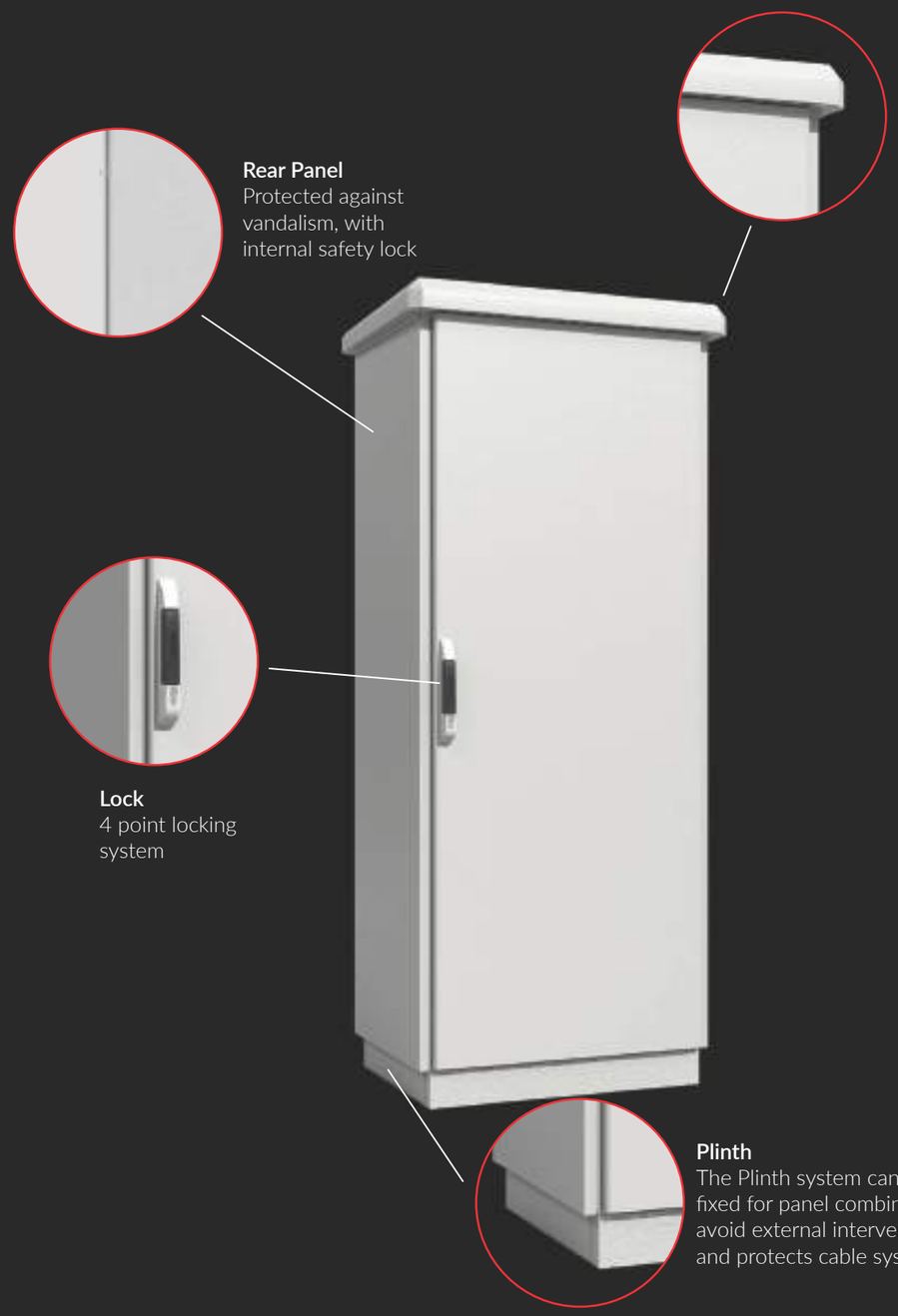
SUPERIOR PROTECTION AGAINST ENVIRONMENTAL CONDITIONS

Neo HC Outdoor Cabinets provide superior protection against dust, rain, snow and any other environmental conditions.

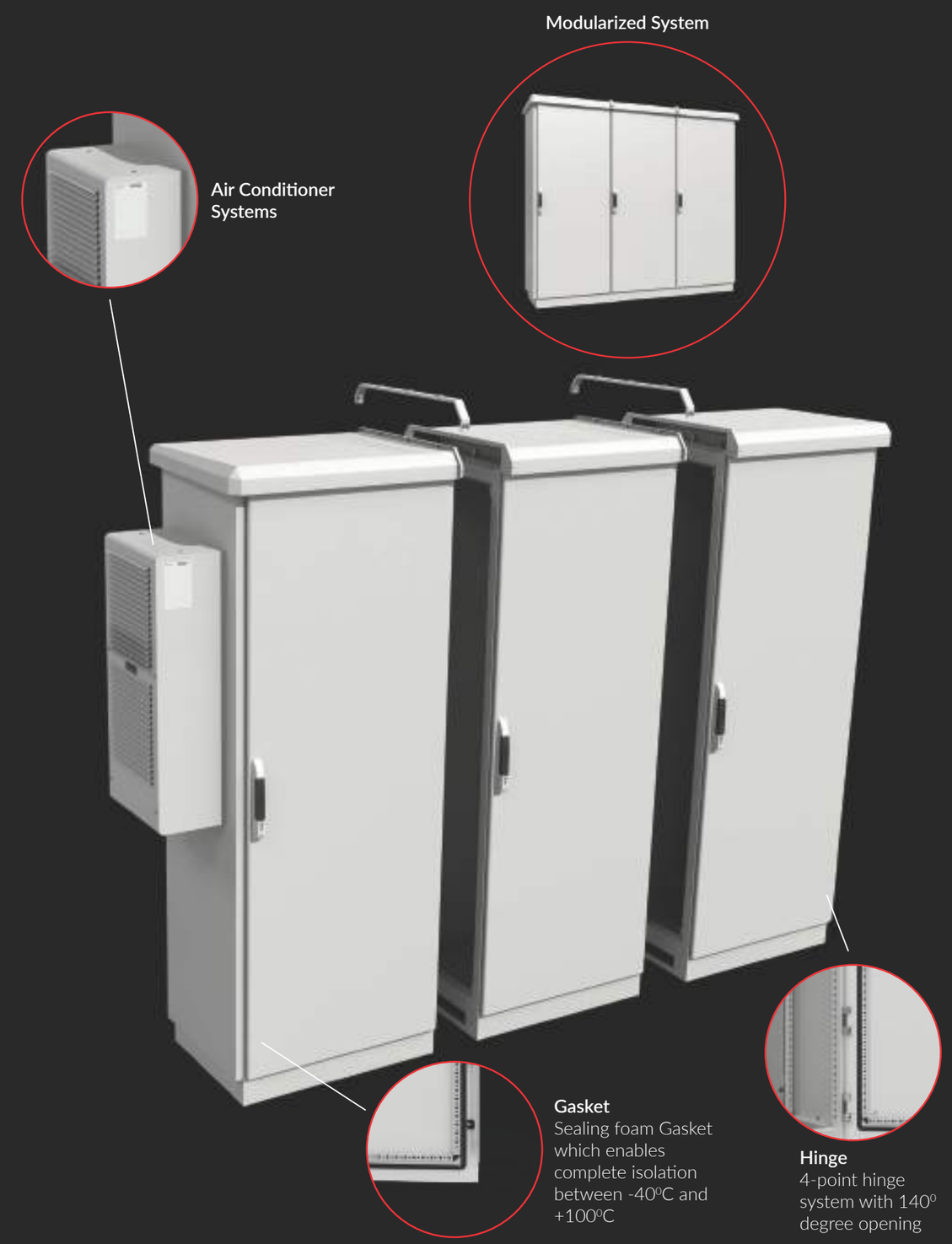
IT and TELECOM

ENERGY DISTRIBUTION

AUTOMATION



NEO HC OUTDOOR MODULAR SERIES

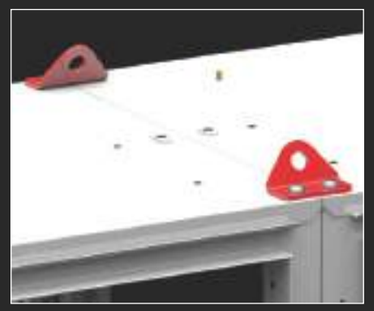


Material	: Main Body: 1,5mm Galvanized, Front Door: 1,5mm Mild Steel, Top / Rear Panel: 1-1,2mm Mild Steel, Side Panel: 1,5mm Galvanized, Roof: 1,5mm Galvanized + RAL 7035
Surface Process	: Nano Plating + Electrostatic Powder Coating RAL 7035
IP Rate	: IEC and EN 60529 Single Door IP 65 - Double Door IP 55
NEMA Rate	: Nema 3R
Corrosion Rate	: EN ISO 12944-2 C3
Standards	: IEC 62208 (Enclosure Standards)
Warranty	: KYT-72
Supply Includes	: Main Body, Front Door; Key Lock and 140^0 Openable Hinged, Rear Panel; Screwed and Secure, Top Cover, Bottom Cover

ACCESSORIES:

Roof pg: 149

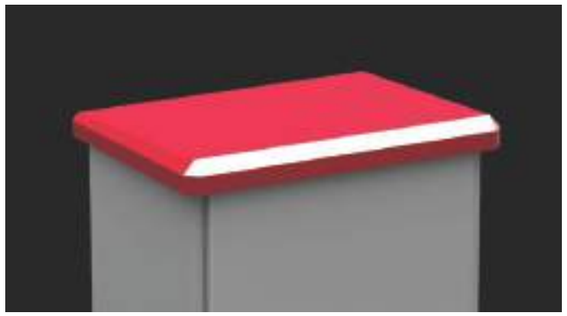
Baying Kit Pg: 163



Other Accessories pg: 154-197

NEO HC OUTDOOR MODULAR SERIES

SINGLE MODULE ROOF



LEFT-MIDDLE-RIGHT MODULE ROOF

CLOSED SIDE PANEL

2 FILTER CUT OUT SIDE PANEL

4 FILTER CUT OUT SIDE PANEL

ENCLOSURE PRODUCT CODE	ENCLOSURE DIMENSIONS			SIDE PANELS PRODUCT CODE			ROOF PRODUCT CODE					
	Width (mm)	Height (mm)	Depth (mm)	Closed	2 Filter Cut Out	4 Filter Cut Out	Single Module	Left Module	Right Module	Middle Module	Door	Lock
666.124.000	600	1200	400	633.124	634.124	635.124	934.264	934.364	934.464	934.564	1	1
666.126.000	600	1200	600	633.126	634.126	635.126	934.266	934.366	934.466	934.566	1	1
668.124.000	800	1200	400	633.124	634.124	635.124	934.284	934.384	934.484	934.584	1	1
668.126.000	800	1200	600	633.126	634.126	635.126	934.286	934.386	934.486	934.586	1	1
666.164.000	600	1600	400	633.164	634.164	635.164	934.264	934.364	934.464	934.564	1	1
666.166.000	600	1600	600	633.166	634.166	635.166	934.266	934.366	934.466	934.566	1	1
668.164.000	800	1600	400	633.164	634.164	635.164	934.284	934.384	934.484	934.584	1	1
668.166.000	800	1600	600	633.168	634.168	635.168	934.286	934.386	934.486	934.586	1	1
664.206.000	400	2000	600	633.206	634.206	635.206	934.246	934.346	934.446	934.546	1	1
664.208.000	400	2000	800	633.208	634.208	635.208	934.248	934.348	934.448	934.548	1	1
666.206.000	600	2000	600	633.206	634.206	635.206	934.266	934.366	934.466	934.566	1	1
666.208.000	600	2000	800	633.208	634.208	635.208	934.268	934.368	934.468	934.568	1	1
667.206.000	700	2000	600	633.206	634.206	635.206	934.276	934.376	934.476	934.576	1	1
667.208.000	700	2000	800	633.208	634.208	635.208	934.278	934.378	934.478	934.578	1	1
668.260.000	800	2000	600	633.206	634.206	635.206	934.286	934.386	934.486	934.586	1	1
668.280.000	800	2000	800	633.208	634.208	635.208	934.288	934.388	934.488	934.588	1	1
660.206.000	1000	2000	600	633.206	634.206	635.206	934.216	934.316	934.416	934.516	2	2*
660.208.000	1000	2000	800	633.208	634.208	635.208	934.218	934.318	934.418	934.518	2	2*
662.206.000	1200	2000	600	633.206	634.206	635.206	934.226	934.326	934.426	934.526	2	2*
662.208.000	1200	2000	800	633.208	634.208	635.208	934.228	934.328	934.428	934.528	2	2*

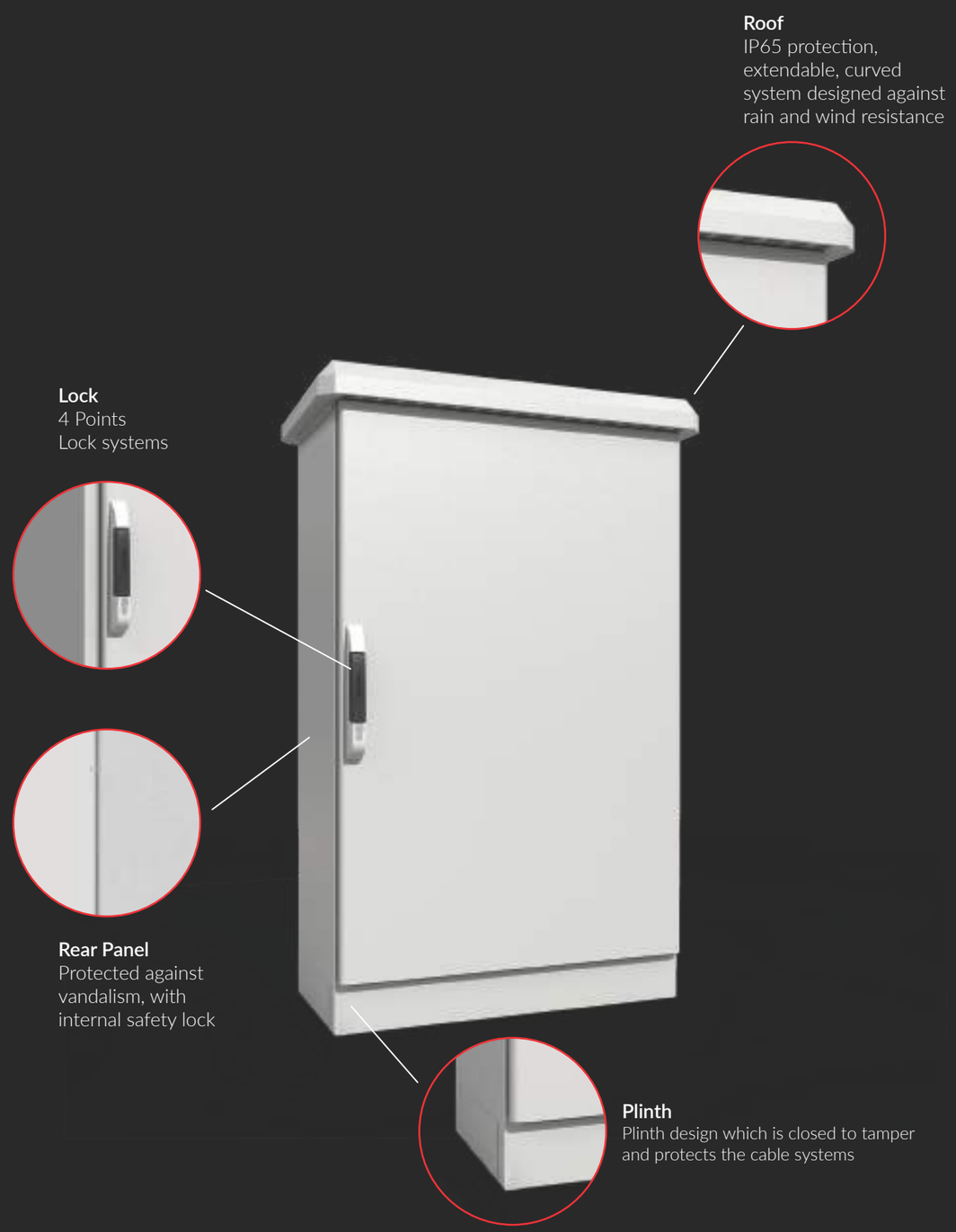
* Interial Lock Sytems

NOTE The side panel codes include a pair of panels.

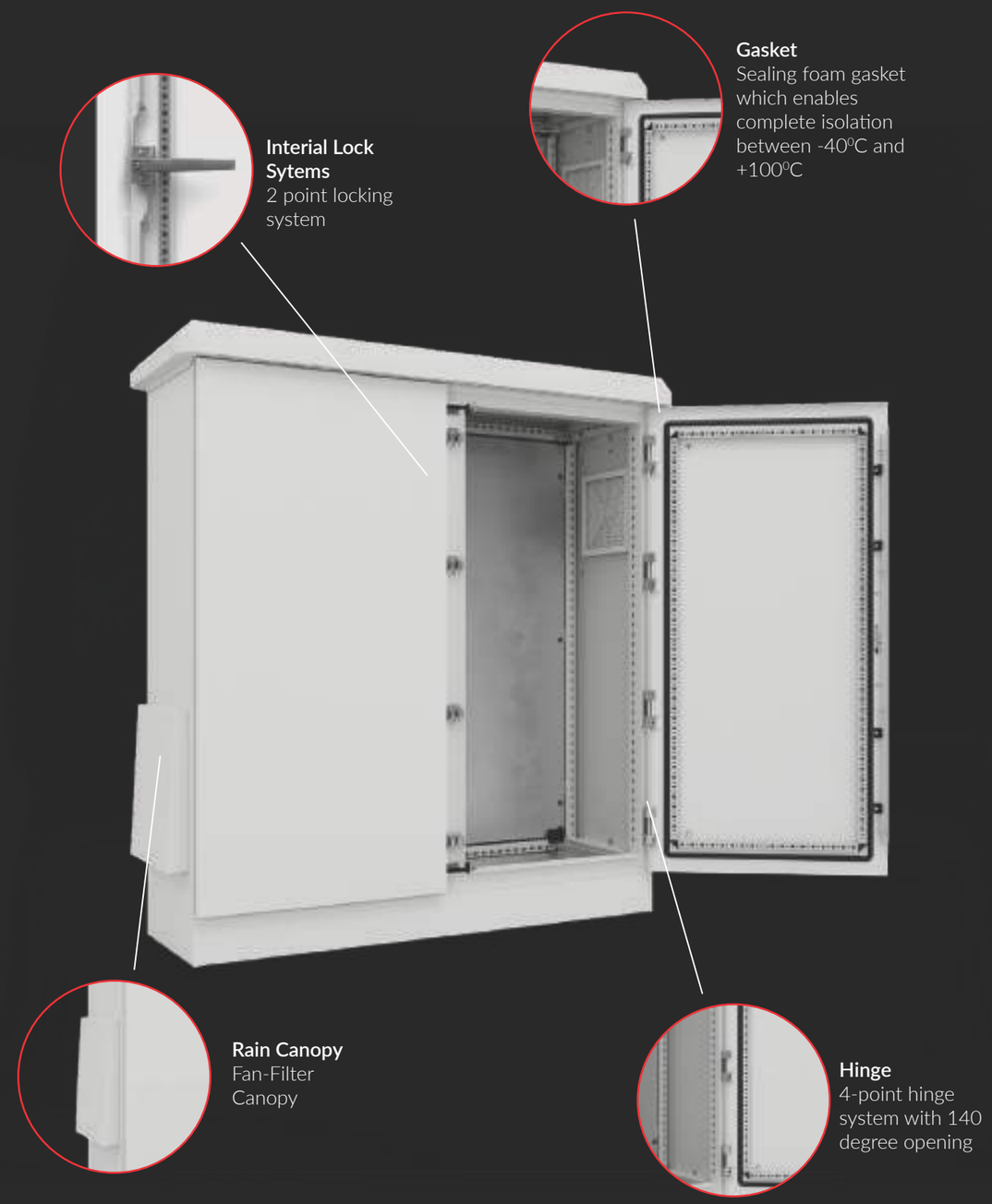
Technical Drawings Page. 397-400

REQUIRED Filter size is 250x250mm on side panels with filter cut outs. Filter and Fan Filter Page 236

Baying Kit for panel assembly P. 163



NEO HC OUTDOOR MONOBLOCK SERIES

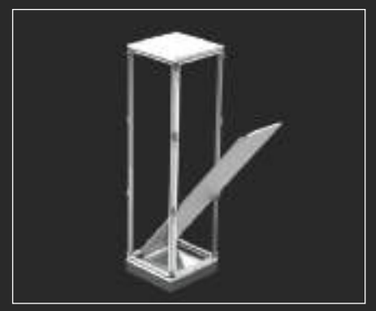


Material	: Main Body: 1.5mm Galvanized Steel, Roof: 1.5mm Galvaized Steel, Front Door: 1.5mm Mild Steel, Rear Panel: 1-1.2mm Mild Steel,
Surface Process	: Nano Plating + Electrostatic Powder Coating RAL 7035
IP Rate	: IEC EN 60529 Single Door IP65, Double Door IP55
NEMA Rate	: Nema 3R
Corrosion Rate	: EN ISO 12944-2 C3
Standards	: IEC 62208 (Enclosure Standards)
Warranty	: KYT-72
Supply Includes	: Monoblock Body, Front Door; Key Lock and 140° Openable Hinged, Rear Panel; Screwed and Secure, Roof, Gland Plate system

ACCESSORIES:

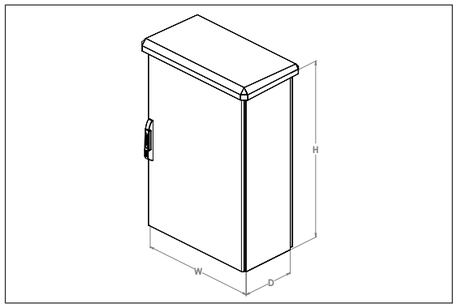
Plinth pg: 154,158

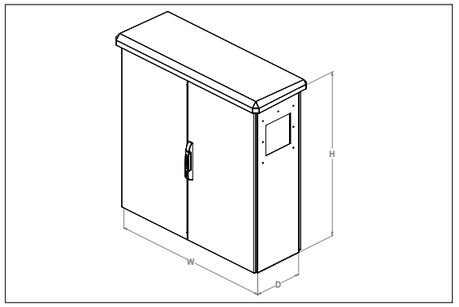
Mounting Plate pg.: 167



Other Accessories pg: 154

NEO HC OUTDOOR MONOBLOCK SERIES



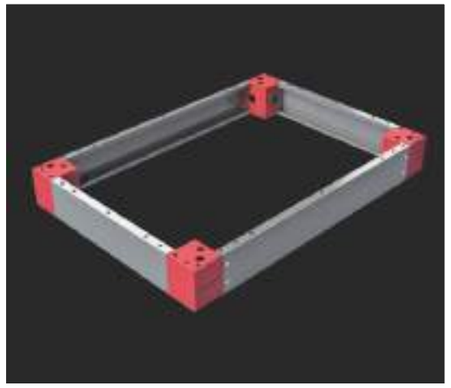


	PRODUCT CODE	Enclosure Dimension W x H x D (mm)			Door	Lock
		Width (mm)	Height (mm)	Depth (mm)		
Closed	**676.124.000**	600	1200	400	1	1
	676.126.000	600	1200	600	1	1
	678.124.000	800	1200	400	1	1
	678.126.000	800	1200	600	1	1
	672.124.000	1200	1200	400	2	2*
	672.126.000	1200	1200	600	2	2*
	686.204.000	600	2000	400	1	1
	686.206.000	600	2000	600	1	1
	688.204.000	800	2000	400	1	1
	688.206.000	800	2000	600	1	1
	682.206.000	1200	2000	600	2	2*
Filter Cut Out	**686.124.000**	600	1200	400	1	1
	686.126.000	600	1200	600	1	1
	688.124.000	800	1200	400	1	1
	688.126.000	800	1200	600	1	1
	682.124.000	1200	1200	400	2	2*
	682.126.000	1200	1200	600	2	2*
	696.204.000	600	2000	400	1	1
	696.206.000	600	2000	600	1	1
	698.204.000	800	2000	400	1	1
	698.206.000	800	2000	600	1	1
	692.206.000	1200	2000	600	2	2*

* Interial Lock Systems

NOTE	Filter Cut Out 250x250 mm
NOTE	Technical Drawings P. 395-400
REQUIRED	Filter / Fan P. 356-357

PLINTH CORNER PART



Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Related size : PLINTH HEIGHT

Material : Corner part : 2,00 mm galvanized steel + RAL 7012 powder-coating
Plastic Panel : RAL 7012 ABS Plastic

Supply Includes : 4 pcs 100 mm or 200 mm high plinth corner part, 4 pcs plastic panel and mounting parts

NOTE : Please see page 154-155 for plinth accessories.

PRODUCT CODE	TEOS PLINTH HEIGHT (mm)
708.100	100
708.200	200

PLINTH FRONT COVERS

Relevance : TEOS, NEO Modular, NEO Monoblock NEO HC Modular, NEO HC Monoblock

Related size : ENCLOSURE WIDHT

Material : 100 mm front plinth part:
1,50 mm galvanized steel + RAL 7012 powder-coating

Supply Includes : 2 pcs 100 mm front plinth part and mounting parts

REQUIRED : 2 sets of front plinth panel group for 200 mm height plinths

PRODUCT CODE	ENCLOSURE WIDHT (mm)
709.140	400
709.160	600
709.170	700
709.180	800
709.100	1000
709.120	1200

PLINTH SIDE COVERS

Relevance : TEOS, NEO Modular, NEO Monoblock NEO HC Modular, NEO HC Monoblock

Related size : ENCLOSURE WIDHT

Material : 100 mm side plinth part:
1,50 mm galvanized steel + RAL 7012 powder-coating

Supply Includes : 2 pcs 100 mm front plinth part and mounting parts

REQUIRED : 2 sets of front plinth panel group for 200mm height plinths

PRODUCT CODE	ENCLOSURE WIDHT (mm)
710.140	400
710.150	500
710.160	600
710.180	800
710.100	1000

EXTENDABLE BLOCK PLINTH

Relevance : TEOS, NEO Modular

It is used for transportation and floor mounting purposes in group assemblies formed by combining multiple enclosures.

It is suitable for lifting fom bottom position by transport kit (See page 157)
Transport by rollers on the floor is also possible with extandable block plinth.

To configure the plinth, first the width size must be determined. The combination in accordance with this width size will consist of the combination of "Plinth Main Profile/Plinth Extension Profile/Plinth Extension Supoort". (Please check from design table for the correct combination in page 156)
In the next steps, the necessary parts should be selected according to the enclosure depth..(Please see page 157)

PLINTH MAIN PROFILE

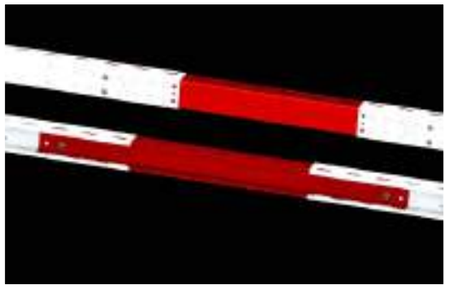
Relevance : TEOS / NEO Modular

Material : 3mm Galvanized Steel + RAL 7035 coating

Supply Includes : 2 x Main Pofile and assembly parts

PRODUCT CODE	PLINTH WIDHT (mm)
1049.112	1200
1049.116	1600
1049.120	2000
1049.124	2400

PLINTH EXTENSION PROFILE



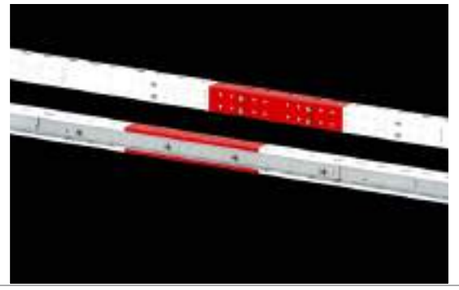
Relevance : TEOS / NEO Modular

Material : 3mm Galvanized Steel + RAL 7035 coating

Supply Includes : 2 x Extension Pofile and assembly parts

PRODUCT CODE	PLINTH WIDHT (mm)
1049.360	600
1049.310	1000

PLINTH EXTENSION SUPPORT



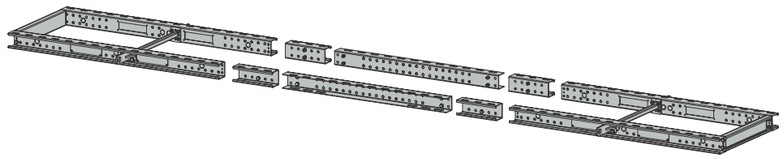
Relevance : TEOS / NEO Modular

Material : 3mm Galvanized Steel + RAL 7035 coating

Supply Includes : 2 x Extension Support and assembly parts

PRODUCT CODE	PLINTH WIDHT (mm)
1049.200	200
1049.300	300

PLINTH and PLINTH PARTS

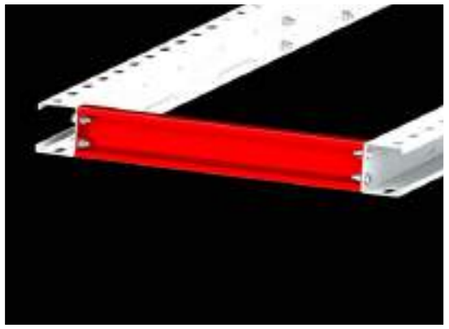


DIMENSIONS (W)	DIMENSIONS (H)	DIMENSIONS (D)	Extendable Plinth Main Profile		Extendable Plinth Extension Profile		Extendable Plinth Extension Support 200mm		Extendable Plinth Extension Support 300mm	
			REF. NO.	QTY.(Set)	REF. NO.	QTY.(Set)	REF. NO.	QTY.(Set)	REF. NO.	QTY.(Set)
1200	100	600/800	1049.112	1	-	-	-	-	-	-
1600	100	600/800	1049.116	1	-	-	-	-	-	-
2000	100	600/800	1049.120	1	-	-	-	-	-	-
2400	100	600/800	1049.124	1	-	-	-	-	-	-
2600	100	600/800	1049.112	2	1049.360	1	1049.302	1	-	-
2700	100	600/800	1049.112	2	1049.360	1	-	-	1049.303	1
2800	100	600/800	1049.112	2	1049.360	1	1049.302	2	-	-
2900	100	600/800	1049.112	2	1049.360	1	1049.302	1	1049.303	1
3000	100	600/800	1049.112	2	1049.360	1	-	-	1049.303	2
3100	100	600/800	1049.112	2	1049.310	1	1049.302	2	1049.303	1
3200	100	600/800	1049.112	2	1049.310	1	1049.302	1	1049.303	2
3300	100	600/800	1049.112	2	1049.310	1	-	-	1049.303	3
3400	100	600/800	1049.116	2	1049.360	1	1049.302	1	-	-
3500	100	600/800	1049.116	2	1049.360	1	-	-	1049.303	1
3600	100	600/800	1049.116	2	1049.360	1	1049.302	2	-	-
3700	100	600/800	1049.116	2	1049.360	1	1049.302	1	1049.303	1
3800	100	600/800	1049.116	2	1049.360	1	-	-	1049.303	2
3900	100	600/800	1049.116	2	1049.310	1	1049.302	2	1049.303	1
4000	100	600/800	1049.116	2	1049.310	1	1049.302	1	1049.303	2
4100	100	600/800	1049.116	2	1049.310	1	-	-	1049.303	3
4200	100	600/800	1049.120	2	1049.360	1	1049.302	1	-	-
4300	100	600/800	1049.120	2	1049.360	1	-	-	1049.303	1
4400	100	600/800	1049.120	2	1049.360	1	1049.302	2	-	-
4500	100	600/800	1049.120	2	1049.360	1	1049.302	1	1049.303	1
4600	100	600/800	1049.120	2	1049.310	1	-	-	1049.303	2
4700	100	600/800	1049.120	2	1049.310	1	1049.302	2	1049.303	1
4800	100	600/800	1049.120	2	1049.310	1	1049.302	1	1049.303	2
4900	100	600/800	1049.120	2	1049.310	1	-	-	1049.303	3
5000	100	600/800	1049.124	2	1049.360	1	1049.302	1	-	-
5100	100	600/800	1049.124	2	1049.360	1	-	-	1049.303	1
5200	100	600/800	1049.124	2	1049.360	1	1049.302	2	-	-
5300	100	600/800	1049.124	2	1049.360	1	1049.302	1	1049.303	1
5400	100	600/800	1049.124	2	1049.310	1	-	-	1049.303	2
5500	100	600/800	1049.124	2	1049.310	1	1049.302	2	1049.303	1
5600	100	600/800	1049.124	2	1049.310	1	1049.302	1	1049.303	2
5700	100	600/800	1049.124	2	1049.310	1	-	-	1049.303	3
5800	100	600/800	1049.124	2	1049.310	1	1049.302	2	1049.303	2

- Minimum dimension for width 1200-1600-2000-2400mm for single main frame.
- Maximum dimension for width 5800mm with extension.
- Assembler could be apply diffirent size with ordering parts.

PLINTH and PLINTH PARTS

PLINTH SIDE COVER



Relevance : Extendable Block Plinth for TEOS / NEO Modular

Material : 3mm Galvanized Steel + RAL 7035 coating

Supply Includes : 2 x Side Covers and assembly parts

This part is required to cover the sides of the block plinth and ensure the durability of the plinth. It can also be used horizontally or vertically for support on the inside of the plinth.

PRODUCT CODE	ENCLOSURE DEPTH (mm)
1049.260	600
1049.280	800

PLINTH SUPPORT PROFILE

Relevance : Extendable Block Plinth for TEOS / NEO Modular

Material : Rolled profile + RAL 7035 coating

Supply Includes : 2 x Support Profile and assembly parts

It is recommended to use at at least 2 single pieces of this support profile for transportation purposes.

PRODUCT CODE	ENCLOSURE DEPTH (mm)
1049.460	600
1049.480	800

TRANSPORT KIT

Product Code : 1049.400

Relevance : Extendable Block Plinth for TEOS / NEO Modular

Material : Steel + RAL 7035 coating

Supply Includes : 2 x Hooks and assembly parts

The hooks are used when the block plinth is used for lifting purposes.

ATTENTION : Minumum 4 pcs are required for lifting operation. Max. 1000kg per lifting point in 90° angle / 800kg in 60° angle / 700kg in 45° angle

REQUIRED : Must be ordered with plinth support profiile

PLINTH ASSEMBLY KIT

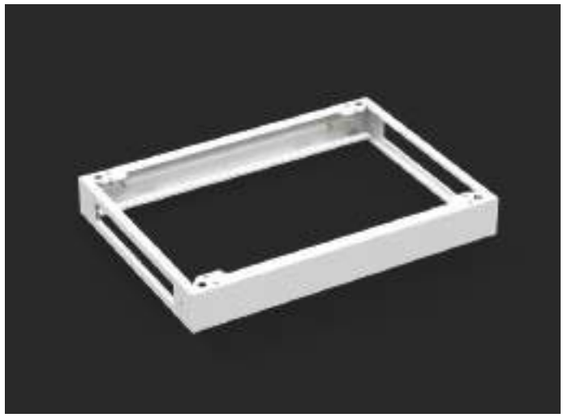
Product Code : 1049.100

Supply Includes : 4 x M12x30 Bolts and washers

This part is required to fixing the enclosure to the block plinth.

PLINTH and PLINTH PARTS

BLOCK PLINTH



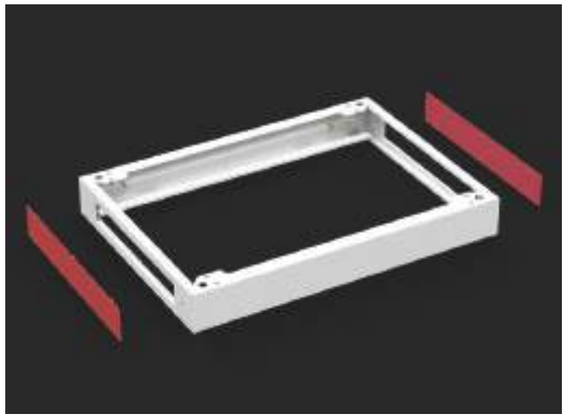
Relevance	TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock
Related Size	Width X Depth
Material	2mm Galvanized + RAL 7035
Supply Includes	Welded Block PLINTH Easy movement apparatus on the ground PLINTH mounting bolt equipment
Product Description	The ability of fixing plinths to each other in process of combining enclosures.

PRODUCT CODE		
100 H	200 H	ENCLOSURE DIMENSIONS
915.146	915.246	400 W x 600 D
915.148	915.248	400 W x 800 D
915.164	915.264	600 W x 400 D
915.166	915.266	600 W x 600 D
915.168	915.268	600 W x 800 D
915.176	915.276	700 W x 600 D
915.178	915.278	700 W x 800 D
915.184	915.284	800 W x 400 D
915.186	915.286	800 W x 600 D
915.188	915.288	800 W x 800 D
915.116	915.216	1000 W x 600 D
915.118	915.218	1000 W x 800 D
915.124	915.224	1200 W x 400 D
915.126	915.226	1200 W x 600 D
915.128	915.228	1200 W x 800 D

ASSEMBLY SUPPORT PRODUCTS

PLINTH and PLINTH PARTS

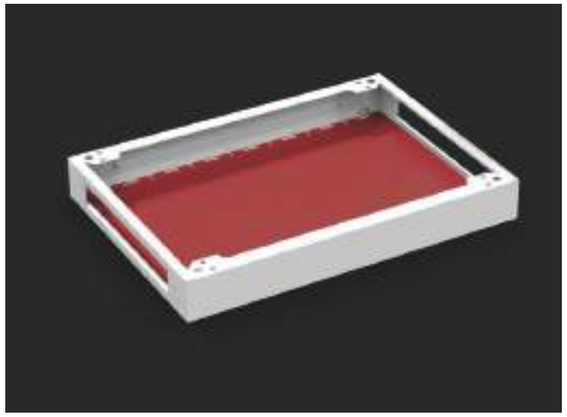
BLOCK PLINTH SIDE PANEL



Material	1,5mm Galvanized + RAL 7035
Supply Includes	2 Pcs 100mm / 200mm H PLINTH Side Cover PLINTH Side Cover Bolt Accessory PLINTH mounting bolt equipment

PRODUCT CODE		
100 H	200 H	ENCLOSURE DIMENSIONS
916.140	916.140	400 D
916.160	916.160	600 D
916.180	916.180	800 D

BLOK PLINTH GLAND PLATE

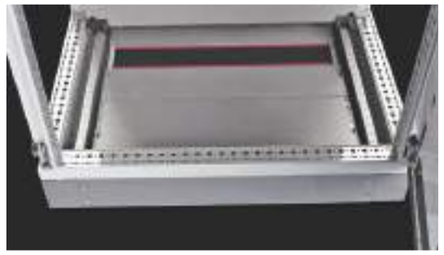


Material	1,5mm Galvanized
Supply Includes	1 Pcs 55mm / 100mm width gland plate PLINTH Gland Plate Bolt Accessory

PRODUCT CODE		
55 W	100 W	ENCLOSURE DIMENSIONS
721.040	722.040	400 D
721.060	722.060	600 D
721.080	722.080	800 D

PRODUCT DIMENSIONS	55 W (Pcs)	10 0 W (Pcs)
400 W x 600 D - 100 H / 200 H	1	3
400 W x 800 D - 100 H / 200 H	1	3
600 W x 400 D - 100 H / 200 H	1	5
600 W x 600 D - 100 H / 200 H	1	5
600 W x 800 D - 100 H / 200 H	1	5
700 W x 600 D - 100 H / 200 H	1	6
700 W x 800 D - 100 H / 200 H	1	6
800 W x 400 D - 100 H / 200 H	1	7
800 W x 600 D - 100 H / 200 H	1	7
800 W x 800 D - 100 H / 200 H	1	7
1000 W x 600 D - 100 H / 200 H	1	9
1000 W x 800 D - 100 H / 200 H	1	9
1200 W x 400 D - 100 H / 200 H	1	11
1200 W x 600 D - 100 H / 200 H	1	11
1200 W x 800 D - 100 H / 200 H	1	11

FOAM RUBBER CABLE ENTRY SYSTEM



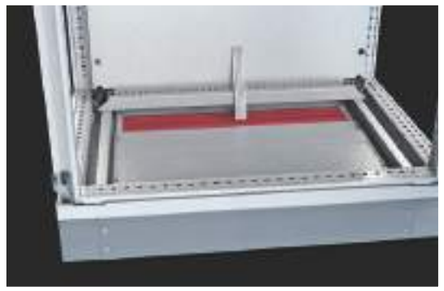
Relevance : TEOS, NEO Modular, NEO HC Modular

Related Size : ENCLOSURE WIDTH
Material : Polyurethane foam
Supply Includes : Polyurethane foam, combination profile and parts

NOTE : 2 accessories per (1000mm and 1200mm wide) foam entry system

PRODUCT CODE	ENCLOSURE WIDHT (mm)
923.400	400
923.600	600
923.700	700
923.800	800
923.100	1000*
923.120	1200*

BRUSHED CABLE ENTRY SYSTEM



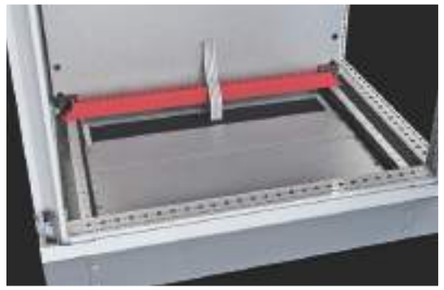
Relevance : TEOS, NEO Modular, NEO HC Modular

Related size : ENCLOSURE WIDTH
Material : ABS plastic
Supply Includes : Strip brush, combination profile and parts

NOTE : 2 accessories per (1000mm and 1200mm wide) brush entry system

PRODUCT CODE	ENCLOSURE WIDHT (mm)
923.401	400
923.601	600
923.701	700
923.801	800
923.101	1000*
923.121	1200*

CABLE CLAMP RAIL (CLIP-ON)



Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Related size : ENCLOSURE WIDTH
Material : 2,00 mm mild steel + zinc-plating
Supply Includes : Cable bracket combination profile and combination parts.

PRODUCT CODE	ENCLOSURE WIDHT (mm)
998.400	400
998.600	600
998.700	700
998.800	800
998.100	1000
998.120	1200

ASSEMBLY SUPPORT PRODUCTS

PLINTH and PLINTH PARTS

CABLE CLAMP

Relevance : Cable Conntection Rails

Material : Sheet steel+Zinc Coating and polyamide

Clamps are fixing on C type "cable connection rail"

REQUIRED : Cable Connection Rail (See page 161)

PRODUCT CODE	Cable Diameter	Package Quantity
1050.0814	8 - 14	30
1050.1420	14 - 20	20
1050.2028	20 - 28	15

CABLE CONNECTION RAIL (C TYPE)

Relevance : TEOS / NEO

Material : 2 mm Galvanized Steel

Supply Includes : 1 x Cable Connection Rail

Note : For enclosures 1000 or 1200mm Width, 400-600 wide rails can be mounted as double

PRODUCT CODE	Enclosure Width(mm)	Rail Width(mm)
973.040	400	250
973.060	600	450
973.080	800	650

RAIL RAISER 90° Angle

Product Code : 973.031

Relevance : All Rails

Material : 2mm Galvanized Steel

Supply Includes : 2 x Rail Raisers

RAIL RAISER 45° Angle

Product Code : 973.030

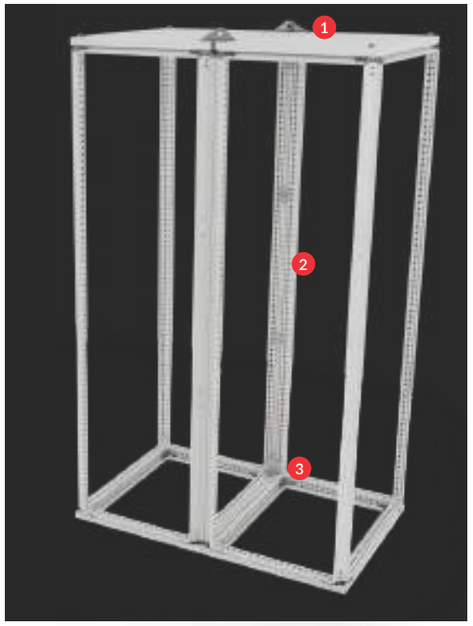
Relevance : All Rails

Material : 2mm Galvanized Steel

Supply Includes : 2 x Rail Raisers

ASSEMBLING and LIFTING PARTS

BAYING KIT

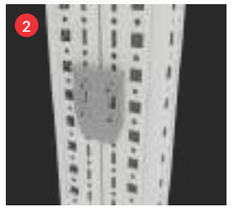


Relevance : TEOS

Material : 3,00 mm - 4,00 mm mild steel parts zinc coated + galvanized

Supply Includes : 2 pcs combination angles, 4 pcs angular brackets, 2 pcs adjustable bracket, 4 pcs fixing bracket 5,60 insulation gasket and mounting parts

Product Code : 711.000



1-) 2x Combination angles. Product Code: **711.001** (2 pcs)

2-) 4x Fixing bracket. Product Code: **711.002** (4 pcs)

3-) 4x angular brackets. Product Code: **711.003** (4 pcs)

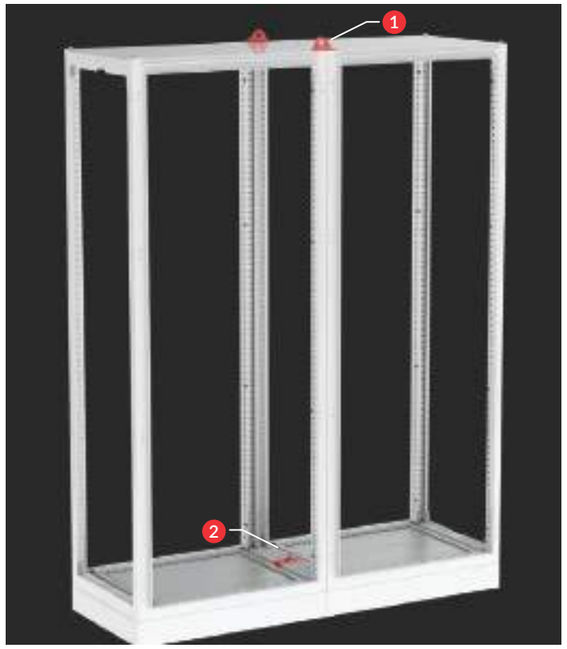
4-) 2x adjustable bracket. Product Code: **711.004** (2 pcs)

5-) 5,60 m 10x3 gasket. Product Code: **992.100** (1 pc see page 374)

ASSEMBLY SUPPORT PRODUCTS

ASSEMBLING and LIFTING PARTS

BAYING KIT

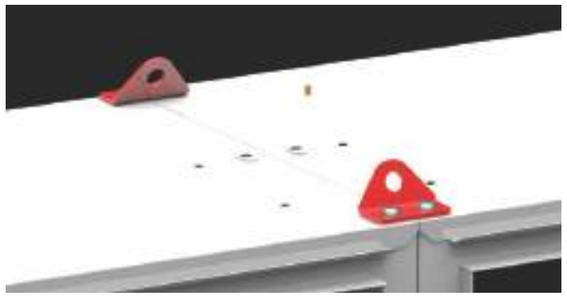


Relevance : NEO Modular, NEO HC Modular

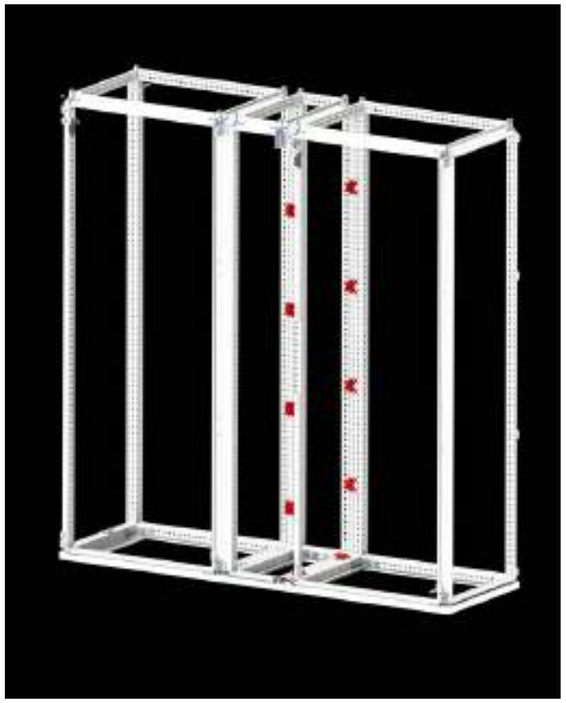
Material : 3,00 mm - 4,00 mm mild steel parts zinc coated + galvanized

Supply Includes : 2 pcs combination angles 1
8 Pcs M6 assembling screw and nuts
4 pcs angular brackets 2
5.6 m insulation gasket and mounting parts

Product Code : 611.000



GROUP BAYING KIT



Product Code : 1036.001

Relevance : TEOS

Material : Die Cast Zinc / Sheet Steel

Supply Includes : 10 x Male Brackets , 10 x Female Brackets
Fixing screws

Group baying kit is based on self aligment design for easy assembly. It provides a satisfaying solution to the horizontally and vertically alignment problem encountered when combining two heavy panel groups.

ASSEMBLY SUPPORT PRODUCTS
ASSEMBLING and LIFTING PARTS

M12 EYEBOLT CARRIER

Relevance : TEOS, NEO Monoblock, NEO Modular, NEO HC Monoblock, NEO HC Modular

Materials : Carbon Steel + Electro-Galvanized Coating

Supply Includes: 4 x Eyebolts and Enclosure Assembly Parts

Product Code : 612.000

FIXING WALL RAIL

Relevance : NEO Monoblock, DM Series

Material : 4,00 mm mild steel + RAL 7035 powder coating

Supply Includes : 2 pcs rail and assembling parts

ATTENTION : The wall fixing option is only available for 1200/1400-height enclosures. It can be used as wall support with base in other height enclosure.

PRODUCT CODE	ENCLOSURE WIDHT (mm)
972.600	600
972.800	800
972.100	1000
972.120	1200

ASSEMBLING and LIFTING PARTS

TOP ANGLE IRON COMBINATION

Relevance : TEOS

Material : 60x60 mm x 5 mm + RAL 7012 coating

Supply Includes : 2 length angle bending

Required : 4 pcs M12x30 screw set is required for each enclosure.

- This connection type is particularly used for heavy enclosure combination and support applications. Do the supporting in accordance with supporting instructions.
- Please refer to our sales department for the manufacturing schedule.

PRODUCT CODE	ANGLE BRACKET WIDHT (mm)
912.137	1800
912.138	1900
912.139	2000
912.140	2100
912.141	2200
912.142	2300
912.143	2400
912.144	2500
912.145	2600
912.146	2700
912.147	2800

PRODUCT CODE	ANGLE BRACKET WIDHT (mm)
912.148	2900
912.149	3000
912.150	3100
912.151	3200
912.152	3300
912.153	3400
912.154	3500
912.155	3600
912.156	3700
912.157	3800
912.158	3900

PRODUCT CODE	ANGLE BRACKET WIDHT (mm)
912.159	4000
912.160	4100
912.161	4200
912.162	4300
912.163	4400
912.164	4500
912.165	4600
912.166	4700
912.167	4800
912.168	4900
912.169	5000

CORNER ENCLOSURE

Relevance : TEOS

- Designed for enclosures when enclosures are combined as an L. Door opening has been increased by means of door suspending adapter.
- Use the table below for corner enclosure options. Bottom-top plinth frame and vertical frame group are standard. Only the panel set and adapter group is chosen in accordance with enclosure depth.
- Inner enclosure applications and panel combination parts can be applied as standard.

	PRODUCT CODE	ENCLOSURE DIMENSION	
		Height (mm)	Depth (mm)
ADAPTER PART	933.000	1800	600
	933.001	1800	800
	933.002	2000	600
	933.003	2000	800
PANEL SET (2 PCS)	933.004	1800	600
	933.005	1800	800
	933.006	2000	600
	933.007	2000	800

MOUNTING RAIL and MOUNTING PLATE

MOUNTING PLATE (3 mm thickness)

Relevance :
TEOS, NEO Monoblock, NEO Modular,
NEO HC Monoblock&Modular

Material:
3,00 mm galvanized steel

Supply Includes :
1 pcs mounting plate and assembling parts

	Height (mm)			
Width (mm)	1200	1800	1600	2000
400	-	-	707.418	707.420
600	707.612	707.616	707.618	707.620
700	-	-	-	707.720
800	707.812	707.816	707.818	707.820
1000	-	-	707.018	707.020
1200	-	-	707.218	707.220

MOUNTING PLATE (2 mm thickness)

Relevance :
TEOS, NEO Monoblock, NEO Modular,
NEO HC Monoblock&Modular

Material:
2,00 mm galvanized steel

Supply Includes :
1 pcs mounting plate and assembling parts

	Height (mm)			
Width (mm)	1200	1800	1600	2000
400	-	-	717.418	717.420
600	717.612	717.616	717.618	717.620
700	-	-	-	717.720
800	717.812	717.816	717.818	717.820

INTERMEDIATE MOUNTING PLATE

Relevance : TEOS, NEO Modular, NEO HC Modular,

Related size : ENCLOSURE WIDTH

Material : 2,00 mm galvanized steel

Supply Includes : 1 pcs mounting plate, 3 pcs bracket and assembling parts.

PRODUCT CODE	ENCLOSURE WIDTH (mm)
712.120	1200
712.160	1600
712.180	1800
712.200	2000
712.220	2200

MOUNTING PLATE FOR CORNER EXTENSION

Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

Material : 2,00 mm galvanized steel

Supply Includes : 2 pcs extension part and assembling parts

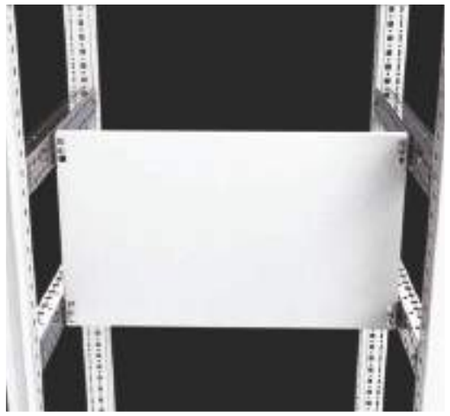
PRODUCT CODE	ENCLOSURE HEIGHT (mm)
712.121	1200
712.161	1600
712.181	1800
712.201	2000
712.221	2200

SHORT MOUNTING PLATE APPLICATION

Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

- Depth rails allow for use of shorter mounting plates inside the enclosure. Thereby, this allows for busbar support and busbar applications on the mounting plate.
- Each mounting plate needs 2 pcs depth rails and 4 pcs brackets. Please see page 171, 173 for related products.
- Please see page 248,249,310,314 for busbar support needs.

ATTENTION : There is no inconvenience in using intermediate mounting plates and corner extension parts for short mounting plate applications. It can move front to back with these accessories



PARTIAL MOUNTING PLATE

Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

Material : 2,00 mm galvanized steel.

Supply Includes : 1 pcs. mounting plate

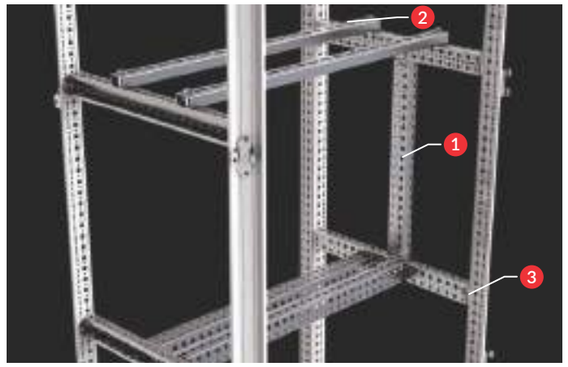
REQUIRED : 4 pcs plug-in rail bracket required for mounting the mounting plate. Required Scissile Rail. Page 173
Product Code: **944.420** (100 pcs.) (Screws included)
944.421 (12 pcs.) (Screws included)

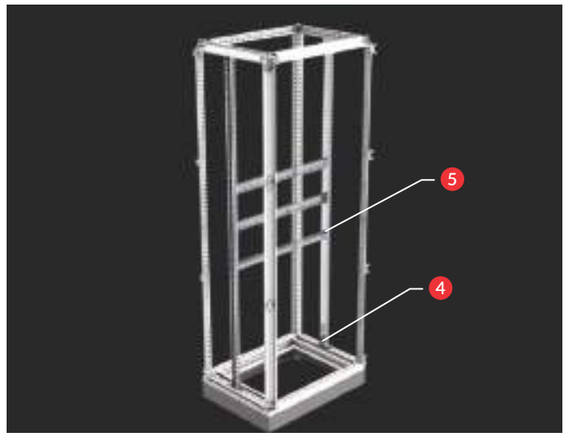
Application on MCCB kit, page 176

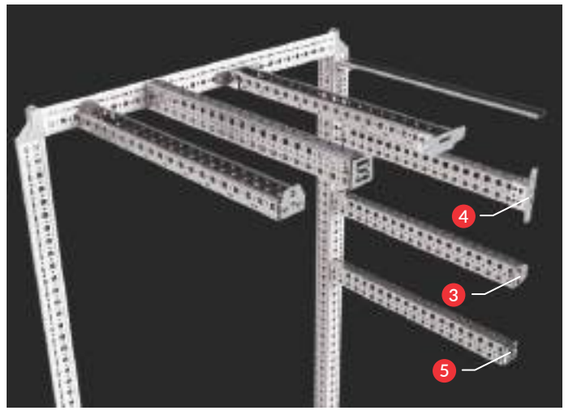
Application on enclosure frame

PRODUCT CODE	ENCLOSURE WIDTH(mm)	PLATE NET WIDTH(mm)	PLATE NET HEIGHT(mm)	PACKS OF
944.442	400	295	150	1
944.443	400	295	175	1
944.444	400	295	200	1
944.445	400	295	250	1
944.446	400	295	300	1
944.447	400	295	400	1
944.448	400	295	500	1
944.449	400	295	600	1
944.450	500	395	400	1
944.451	600	495	150	1
944.452	600	495	175	1
944.453	600	495	200	1
944.454	600	495	250	1
944.455	600	495	300	1
944.456	600	495	400	1
944.457	600	495	500	1
944.458	600	495	600	1
944.459	700	595	150	1
944.460	700	595	175	1
944.461	700	595	200	1
944.462	700	595	250	1
944.463	700	595	300	1
944.464	700	595	400	1
944.465	700	595	500	1
944.466	700	595	600	1
944.467	800	695	150	1
944.468	800	695	175	1
944.469	800	695	200	1
944.470	800	695	250	1
944.471	800	695	300	1
944.472	800	695	400	1
944.473	800	695	500	1
944.474	800	695	600	1
944.475	1000	895	175	1
944.476	1000	895	200	1
944.477	1000	895	250	1

MOUNTING RAIL and MOUNTING PLATE







In terms of both width and interior depth size, TEOS body structure is designed at the same coefficient rate. The complete structure inside the body is designed at the 25mm coefficient. Thus, the width rail can also be installed on the depth rail.

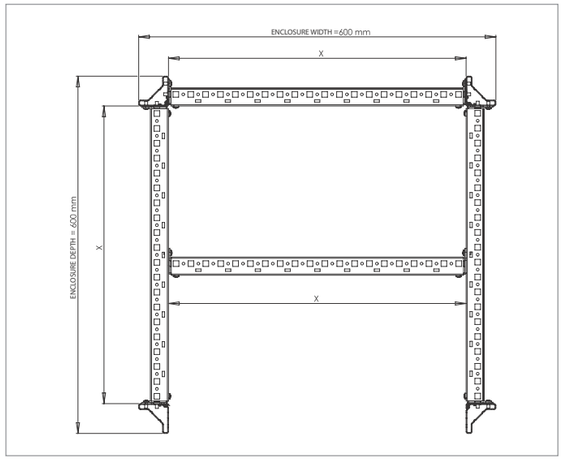
1 SCISSILE RAIL (P. 171)

2 HEAVY EQUIPMENT PROFILE (P. 172)

3 PLUG IN RAIL BRACKET (P. 173)

4 ADJUSTABLE RAIL BRACET (P. 174)

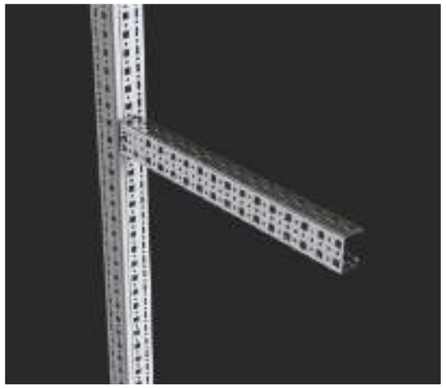
5 ADJUSTABLE RAIL BRACET (P. 175)



ASSEMBLY SUPPORT PRODUCTS

MOUNTING RAIL and MOUNTING PLATE

SCISSILE RAIL SYSTEM (50x25 cross-section)



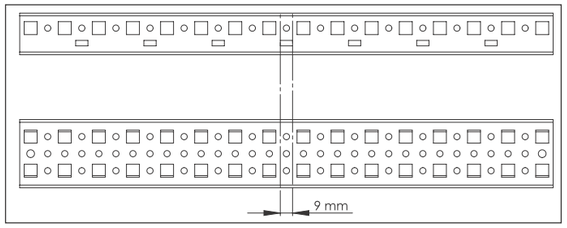
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock,

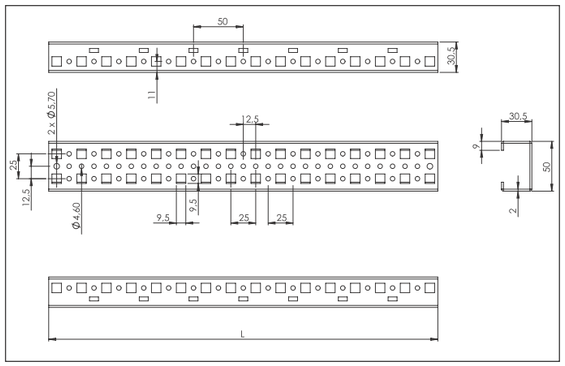
Material : 2.00 mm Mild steel + zinc coated
2.00 mm Pre-Galvanized

Supply Includes : In product pack there is only rail included. Please be check quantities of rails in pack on sheet below

REQUIRED : There is brackets required to assemble rail. Please see page 173-175

Cut -off point



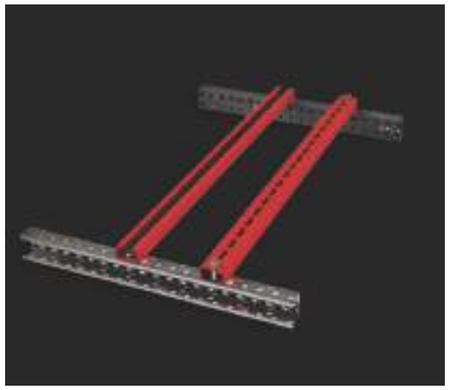


- It is designed for assembling electrical equipments into the enclosure. It is given advantages for assembling in 3D every directions.
- It is produced from 2 mm sheet thickness, thanks to this advantage and with bended structure it gives force.
- There is standard sizes, also the rail can cut to adjust required dimension.
- The rail coated zinc after production. Thanks to this coating all cutted edges protected against corrosion.
- To see using styles of rail, please see page 173-175

PRODUCT CODE			ENCLOSURE DEPTH (mm)	RAIL NET LENGHT (mm)	PACKS OF
Mild Steel+Zinc Coated	Pre-Galvanized				
944.422	944.522	ENCLOSURE WIDTH(mm)	400	291	2
944.423	944.523	ENCLOSURE WIDTH(mm)	500	391	2
944.424	944.524	ENCLOSURE WIDTH(mm)	600	491	2
944,432	944.532	ENCLOSURE WIDTH(mm)	700	591	2
944.425	944.525	ENCLOSURE WIDTH(mm)	800	691	2
944.426	944.526	ENCLOSURE WIDTH(mm)	1000	891	2
944.427	944.527	ENCLOSURE HEIGHT(mm)	1200	1091	2
944.428	944.528	ENCLOSURE HEIGHT(mm)	1600	1491	2
944.429	944.529	ENCLOSURE HEIGHT(mm)	1800	1691	2
944.430	944.530	ENCLOSURE HEIGHT(mm)	2000	1891	4
944.431	944.531	ENCLOSURE HEIGHT(mm)	2200	2091	4

MOUNTING RAIL and MOUNTING PLATE

HEAVY EQUIPMENT PROFILE



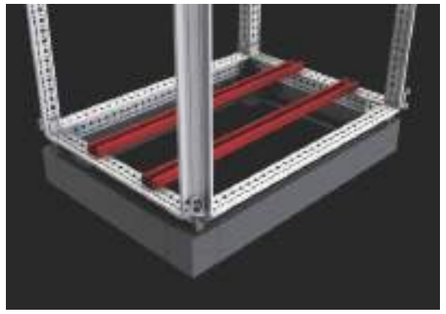
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock,

Material : 3 mm Mild steel + zinc coated

Supply Includes : 2 pcs rail and assembly screws

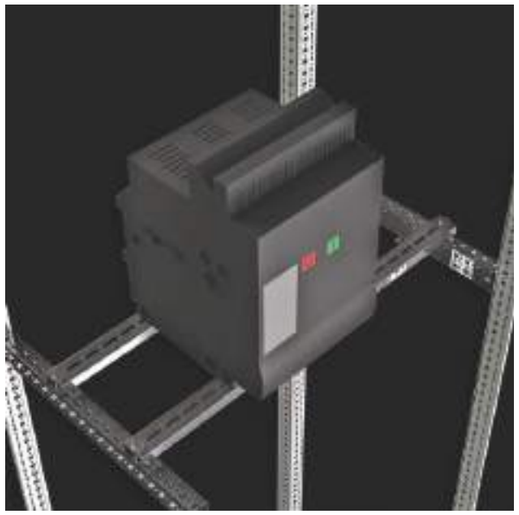
- Used for mounting heavy equipments such as base mounting MCCB and transformer.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	RAIL NET LENGHT (mm)	PACKS OF
998.540	400	360	2
998.560	600	560	2
998.570	700	660	2
998.580	800	760	2
998.510	1000	960	2

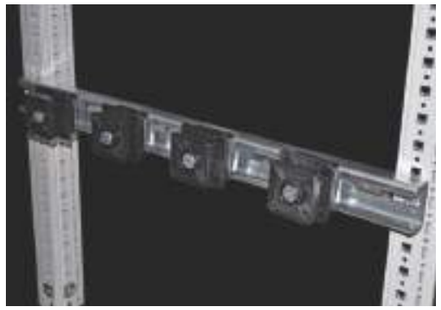


Heavy Equipment application on base

REQUIRED : It is required to fixing on frame, 4 pcs of M6 hide nut. Page 195



Heavy Equipment application on rails

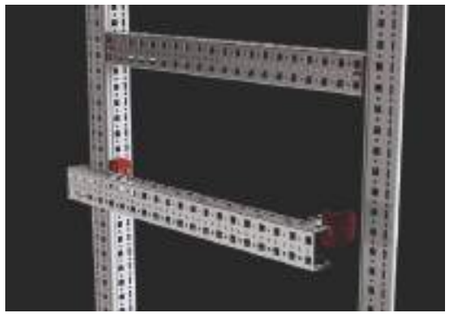


Application with adjustable flat busbar support

REQUIRED : It is required to fixing on frame, 4 pcs of M6 hide nut. Page 195

MOUNTING RAIL and MOUNTING PLATE

PLUG-IN RAIL BRACKET

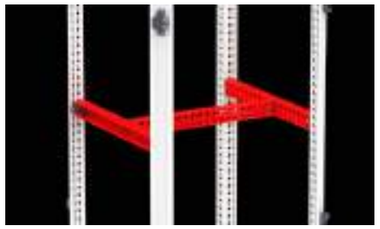


Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock,

Material : 2 mm mild steel + zinc coated

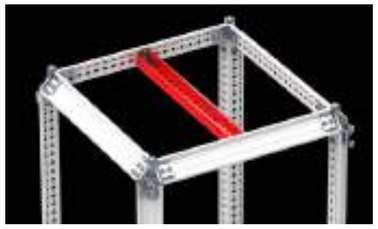
Product Code : **944.421** (12 pcs.) (Screws included)
944.420 (100 pcs.) (Screws included)

- Thanks to this bracket, the enclosure body can be mounted, and the scissile rail can be mounted on the enclosure body. It holds tightly on the enclosure body thanks to its fitting hook. The low relief on the front surface allows for a strong profile hold on the bracket and removes the weight off the bolt.
- Recommended for profile mounting on the body.
- Moves on the profile or body at 25,00mm long steps.

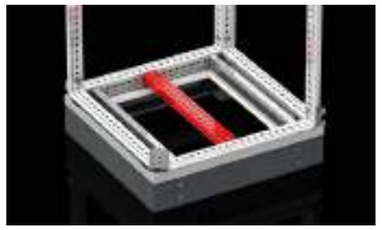


Frame width and depth combination

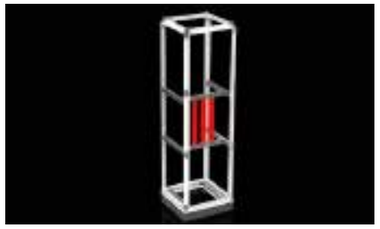
Vertical frame combination



Frame top combination



Frame bottom combination



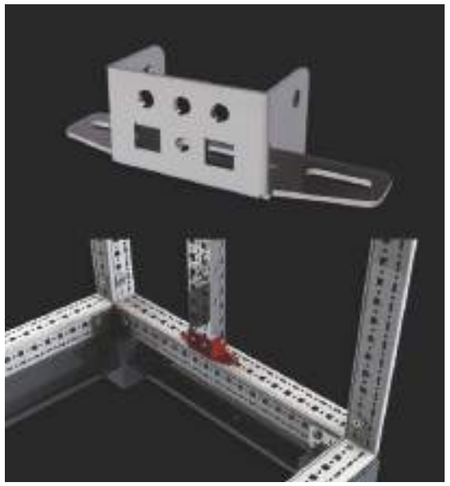
Vertical rail combination

Rail width combination (horizontal)

Mounting plate combination

MOUNTING RAIL and MOUNTING PLATE

ADJUSTABLE RAIL BRACKET (TYPE T)



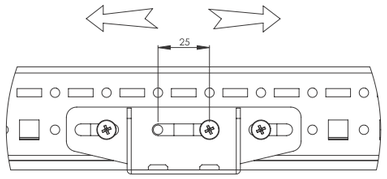
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock,

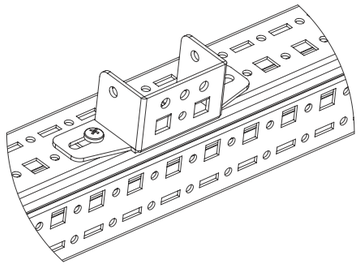
Material : 2 mm mild steel + zinc coated

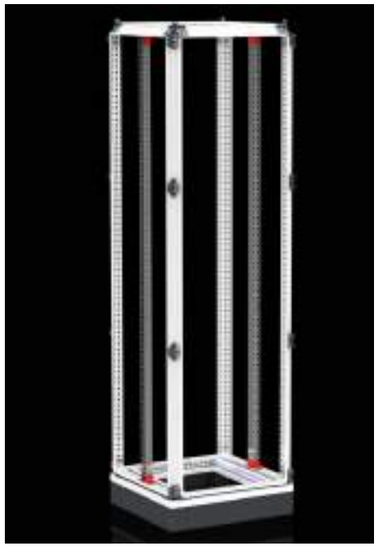
Product Code : **944.433** (4 pcs) (screws included)

- Used for mounting the scissile rail on the enclosure body.
- Its slot perforations provides the profile with a 25mm axis movement.
- The rail is able to reciprocate in vertical position. Thanks to this, the equipments mounted on the rail can be aligned to the inner panel position.
- The busbar support is used to fix the top part on the body when the rail is depth-combined on the body. See page 311
- The bulge placed on the combination part of the bracket and the rail holds the rail weight and takes the load off the screw.

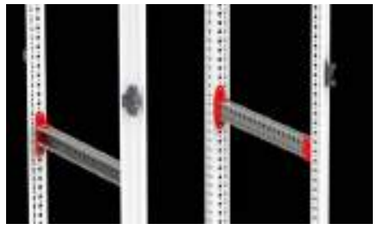
25mm movement ability on the axis



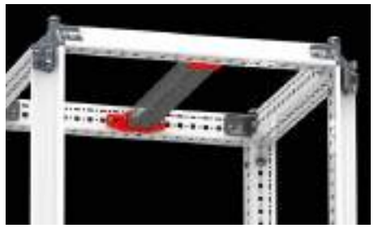




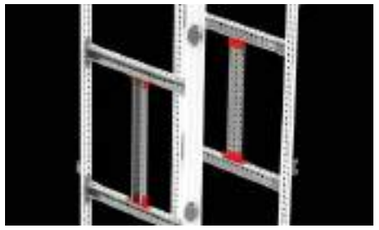
Vertical combination on the frame



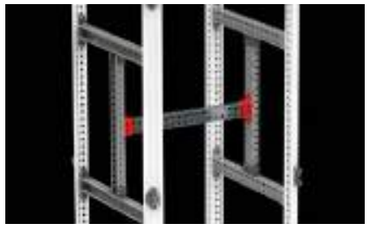
Depth combination on the frame



Combination on the top frame



Vertical combination on the rail



Width combination on the rail (vertical)

MOUNTING RAIL and MOUNTING PLATE

ADJUSTABLE RAIL BRACKET (TYPE L)

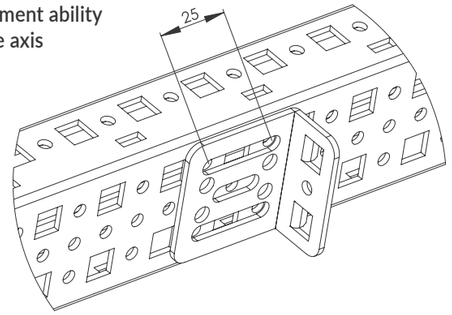
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock,

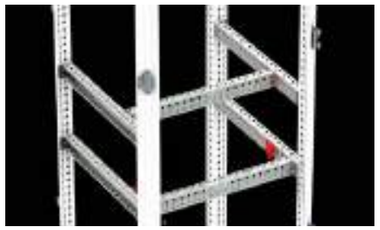
Material : 2 mm mild steel + zinc coated

Product Code : **944.434** (4 pcs) (screws included)

- Used for mounting the scissile rail on the enclosure body.
- Its slot perforations provides the profile with a 25mm axis movement
- It is possible to adjust the equipment on the rail placed in the width position according to the inner panel.
- Positions the rail vertically on the enclosure and allows for busbar support mounting. See page 311

25mm movement ability on the axis

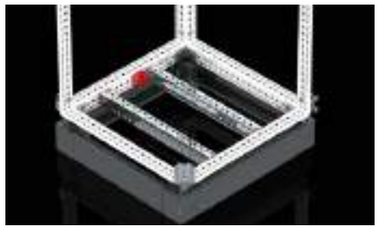




Width combination on the rail

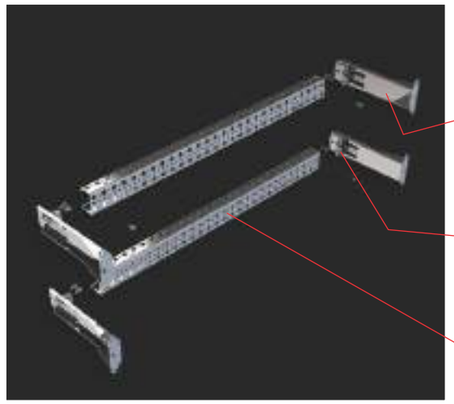
Frame depth combination

Frame top combination (vertical)



Frame bottom combination (vertical)

25A - 630A MCCB KIT (TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock)



Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

4x Kit Bracket

Material : 2 mm mild steel + zinc coated
Product Code : **944.436** (2 pcs.) (Screws included)

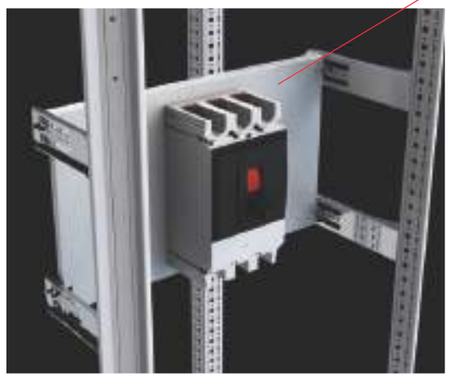
4 x Plug-in Rail Bracket

Product Code : **944.420** (100 pcs.) (Screws included)
944.421 (12 pcs) (Screws included)

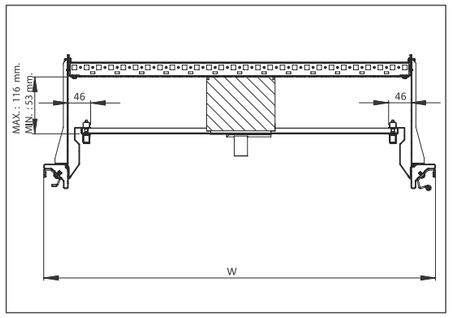
2x Scissile Width Rail

PRODUCT CODE	ENCLOSURE WIDTH (W) (mm)	RAIL NET LENGHT (mm)	PACKS OF
944.422	400	291	2
944.424	600	491	2
944.432	700	591	2
944.425	800	691	2

1x Part Mounting Plate



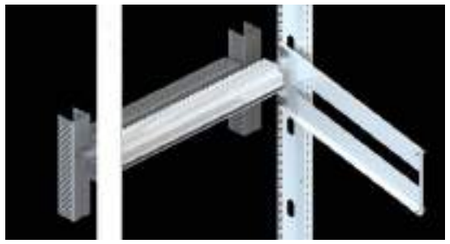
- This is the kit which enables compact MCCB (from lowest upto 630 Amperes) mounting.
- As mounted from the front part of the enclosure, it makes it possible for a copper busbar installation by creating space at the back of the enclosure
- Enables strong mounting with the plug-in rail bracket, and 7,00mm reciprocating motion ability.
- Offers a more economical solution as it eliminates the use of an entire depth rail.
- It is accord with cover plate.



ASSEMBLY SUPPORT PRODUCTS

MOUNTING RAIL and MOUNTING PLATE

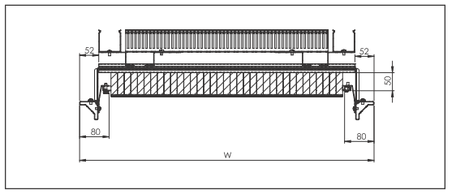
ALUMINIUM DIN RAIL (REAR MOUNTED CABLE DUCT)



Material : Extruded Aluminium + Anodized Coated
Bracket : Galvanized Steel

Supply Includes : 1 x Aluminium Rail, 2x rail brackets,
4x cable duct brackets and assembly parts.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	RAIL WIDTH (mm)	MCB Capacity
973.340	400	300	13
973.360	600	500	24
973.380	800	700	35

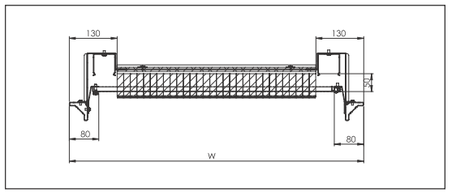


ALUMINIUM DIN RAIL (FRONT MOUNTED CABLE DUCT)

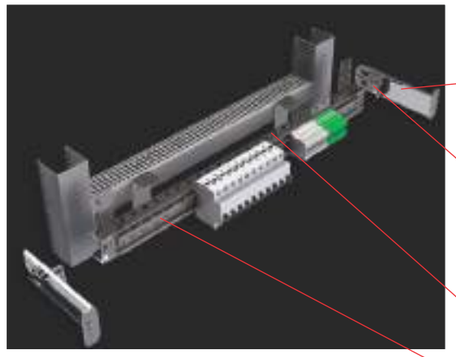
Material : Extruded Aluminium + Anodized Coated
Bracket : Galvanized Steel

Supply Includes : 1 x Aluminium Rail, 2x rail brackets,
2x cable duct brackets and assembly parts.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	RAIL WIDTH (mm)	MCB Capacity
973.440	400	140	7
973.460	600	340	18
973.480	800	540	30



MCB AND TERMINAL KIT (BACK-MOUNTED CABLE DUCT)



Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

2x Kit Bracket

Material : 2 mm mild steel + zinc coated
Product Code : **944.436** (2 pcs.) (Screws included)

2x Plug-in rail bracket

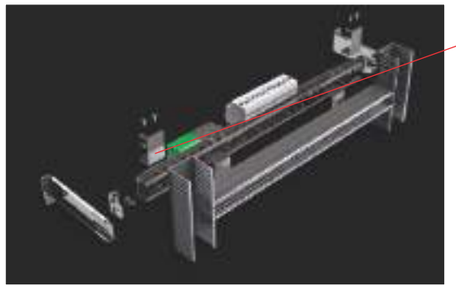
Product Code : **944.420** (100 pcs.) (Screws included)
944.421 (12 pcs.) (Screws included)

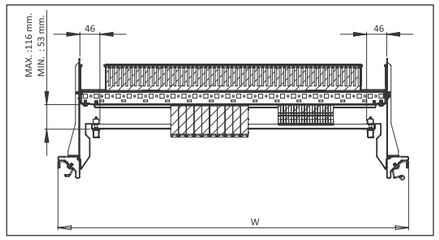
1x scissile width rail

PRODUCT CODE	ENCLOSURE WIDTH (mm)	RAIL NET LENGHT (mm)	PACKS OF
944.422	400	291	2
944.424	600	491	2
944.432	700	591	2
944.425	800	691	2

1x terminal / MCB rail H7,5 mm (2 meters)

Product Code : **990.102** (1 pcs.)





3x duct bracket

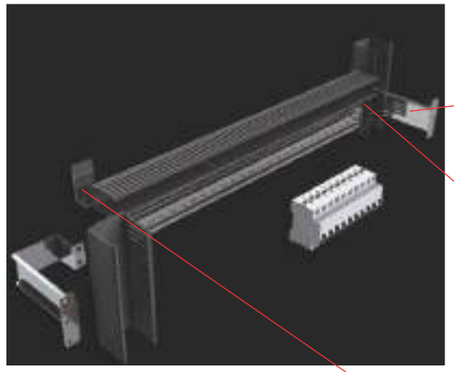
Material : 2 mm mild steel + zinc coated
Product Code : **944.437** (12 pcs.) (Screws included)

- Mounts MCBs and terminals on the front enclosure panel without depth profiles.
- Enables to connect cable ducts from the rear for MCB mountings and mount a maximum number of MCBs.
- Suitable size: 60x60mm for vertical ducts and 40x60mm for horizontal cable duct layings
- Mounted on the enclosure body, the mounting kits are designed with 7,00mm stepping perforations and enable mounting both on the MCBs and the terminal boxes.
- Maximum number of MCBs on the mounting rail:

Enclosure Width	MCB Capacity
400	10
600	22
700	28
800	34

MOUNTING RAIL and MOUNTING PLATE

MCB KIT (FRONT-MOUNTED CABLE DUCT)



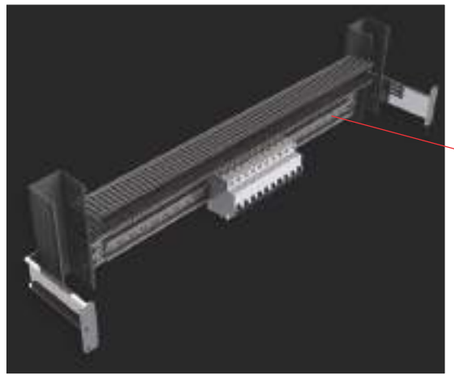
Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

2x MCB kit:

Material : 2 mm mild steel + zinc coated
Product Code : **944.478** (2 pcs.) (Screws included)

1x Scissile width MCB rail.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	RAIL NET LENGHT (mm)	PACKS OF
944.439	600	341	1
944.440	700	441	1
944.441	800	541	1



2x duct bracket

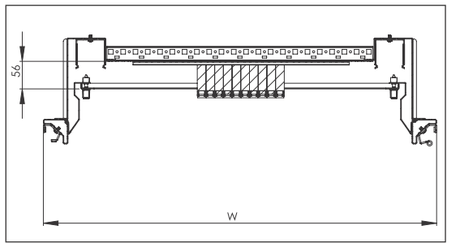
Material : 2 mm mild steel + zinc coated
Product Code : **944.437** (12 pcs.) (Screws included)

1x terminal / MCB rail H7,5 mm (2 meters)

Product Code : **990.102** (1 pcs.)

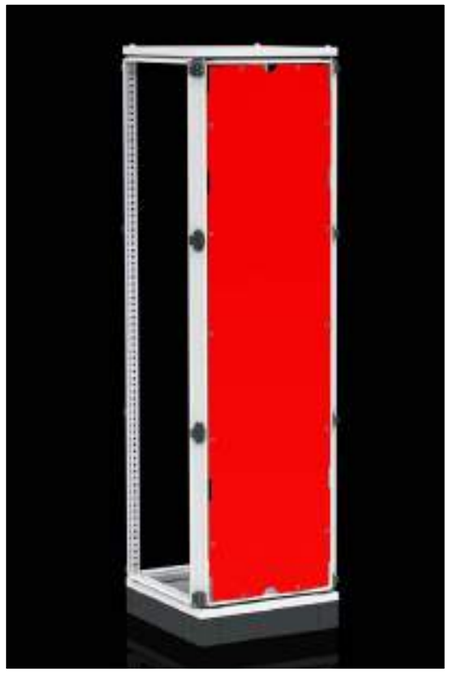
- Mounts the MCBs on the front enclosure body without depth rails.
- Cable ducts can be connected from the front for MCB mountings.
- Suitable size: 60x60mm for vertical cables and 40x60mm for horizontal cable duct layings.
- Maximum number of MCBs on the mounting rail:

Enclosure Width	MCB Capacity
400	5
600	16
700	22
800	28



SHELF and INTERIOR PARTS

DIVIDING PANEL

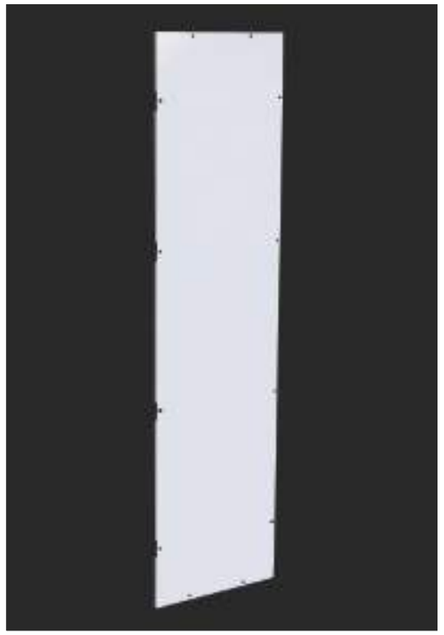


Relevance : TEOS
Material : 1,5 mm Galvanised + RAL 7035 coating
Supply Includes : 1 pcs panel and assembling parts.

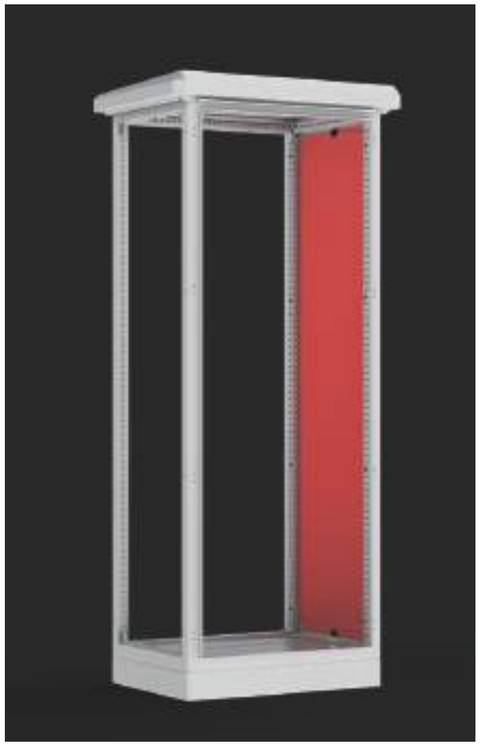
- Used for separating enclosures and mounting applications.

TEOS ENCLOSURE		
Product Code.	HEIGHT (mm)	DEPTH (mm)
935.001	1800	400
935.002	1800	500
935.003	1800	600
935.004	1800	800

TEOS ENCLOSURE		
Product Code.	HEIGHT (mm)	DEPTH (mm)
935.005	2000	400
935.006	2000	500
935.007	2000	600
935.008	2000	800
935.009	2200	600



DIVIDING PANEL



Relevance : NEO Monoblock, NEO Modular, NEO HC Modular, NEO HC Monoblock

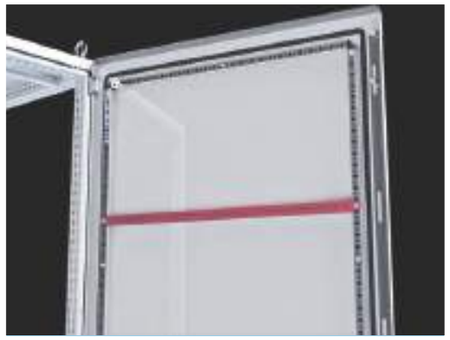
Material : 1,5 mm Mild steel + RAL 7035 coating

Supply Includes : 1 Pcs panel ve assembly parts

- Used for separating enclosures and mounting applications.

PRODUCT CODE	Height (H) mm	Depth (D) mm
936.184	1800	400
936.185	1800	500
936.186	1800	600
936.204	2000	400
936.205	2000	500
936.206	2000	600
936.208	2000	800

DOOR RAIL FOR CABLE DUCT



Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Related size : ENCLOSURE WIDTH

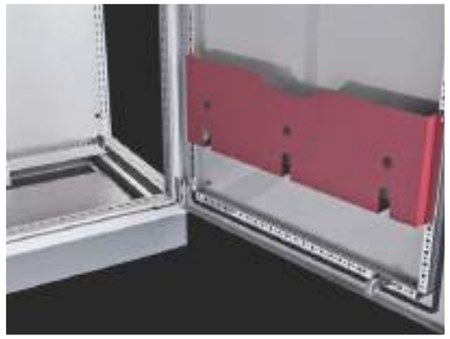
Material : 2,00 mm mild steel + zinc-coated

Supply Includes : 1 pcs door rail and assembling parts.

ATTENTION : 2 pcs of door channel profile accessory needed for 800 mm, 1000 mm and 1200mm wide double doors.

PRODUCT CODE	ENCLOSURE WIDTH (mm)
997.104	400 single door
997.113	600 single door
997.116	700 single door
997.114	800 single door
997.118	800 double door
997.111	1000 single door
997.115	1000 double door
997.112	1200 double door

METAL PLAN POCKET



Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

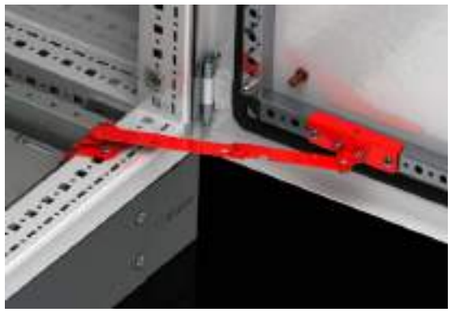
Related size : ENCLOSURE WIDTH

Material : 1,50 mm mild steel + RAL 7035 powder-coating

Supply Includes : 1 pcs metal plan pocket and assembling parts

PRODUCT CODE	ENCLOSURE WIDTH (mm)
994.704	400 single door
994.706	600 single door
994.707	700 single door
994.708	800 single door
994.711	1000 single door
994.710	1000 double door

DOOR STOPPER

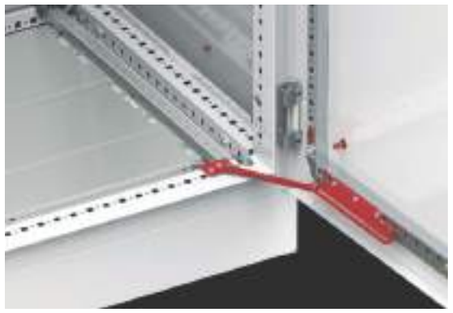


Relevance : TEOS

- It is using for angle limitation door.

Product Code : 905.202 door stopper (right)
905.203 door stopper (left)

DOOR STOPPER



Relevance : NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock

- It is using for angle limitation door.

Product Code : 905.204 door stopper

ASSEMBLY SUPPORT PRODUCTS
SHELF and INTERIOR PARTS

LAMP RAIL

Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock

Related size : ENCLOSURE WIDTH

Material : 2,00 mm mild steel + zinc-coated

Supply Includes : 1 pcs lamp bracket rail and assembling parts

PRODUCT CODE	ENCLOSURE WIDTH (mm)
903.204	400
903.206	600
903.207	700
903.208	800
903.210	1000
903.212	1200

SWITCH BRACKET

Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock

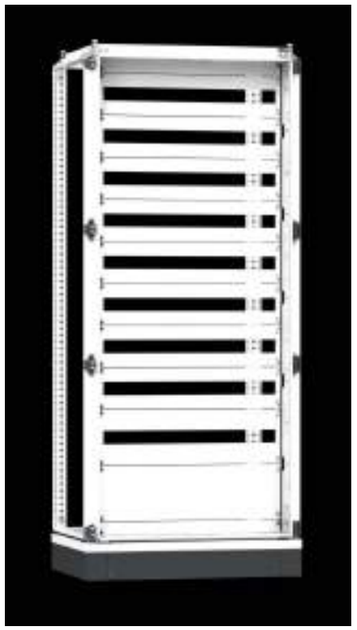
Material : 2,00 mm mild steel + zinc-coated

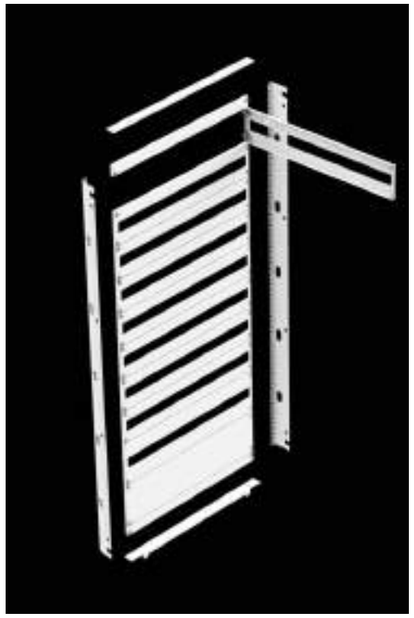
Supply Includes : 1 pcs switch bracket and assembling parts

Product Code : 903.300

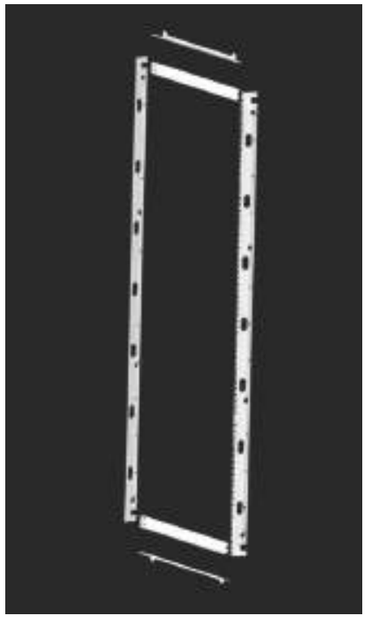
TEOS AND NEO
INTERIOR COVER PLATE SYSTEM

- For covering off the electrical equipment from the front of enclosure
- It is modular structure and can be selected as whole or partly.
- Partial covers are with hinges





COVER PLATE FRAME SET



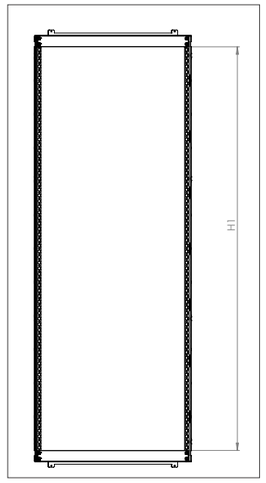
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 1,50 mm mild steel + RAL 7035 powder coating

Supply Includes : 2 pcs vertical profile, 2 pcs bottom-top closer, 2 pcs bottom-top cover plate, 4 pcs cable protection and assembly parts.

ATTENTION : You can find the size of the vertical inner panel profile in the drawing and table. Cover plate sizes will be determined according to this size

PRODUCT CODE	ENCLOSURE WIDTH (W)	ENCLOSURE HEIGHT (H)	COVER FRAME NET HEIGHT (H1) (mm)
953.401	400	1800	1600
953.402	400	2000	1800
953.403	600	1200	1000
953.404	600	1600	1400
953.405	600	1800	1600
953.406	600	2000	1800
953.408	700	2000	1800
953.409	800	1200	1000
953.410	800	1600	1400
953.411	800	1800	1600
953.412	800	2000	1800



INTERIOR COVER PLATE

COVER PLATE

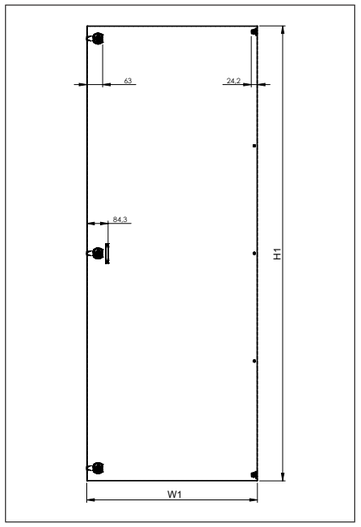
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 1,50 mm mild steel + RAL 7035 powder coating

Supply Includes : 1 pcs cover plate and mounting parts

IMPORTANT : The usable size of the inner lid length profile (inner lidnet height H1) is shown in the drawing and on the table. The inner lid will be determined according to this measure.

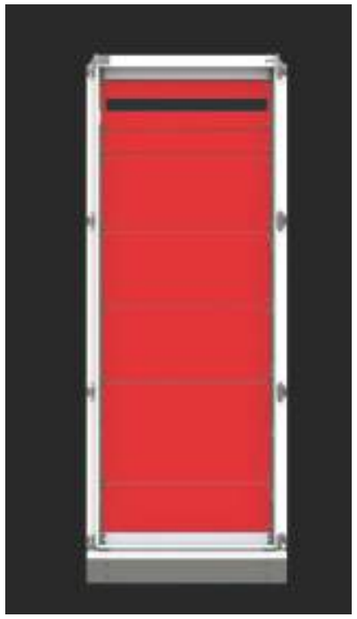
NECESSARY : To fix the interior cover plate, the appropriate interior cover frame set is required for the board size. See page 187



PRODUCT CODE	ENCLOSURE WIDTH (W)	ENCLOUSURE NET HEIGHT (H)	INTERIOR COVER NET WIDTH (W1)	INTERIOR COVER PLATE NET HEIGHT (H1)
713.418	400	1800	273	1597
713.420	400	2000	273	1797
713.612	600	1200	473	997
713.616	600	1600	473	1397
713.618	600	1800	473	1597
713.620	600	2000	473	1797
713.720	700	2000	573	1797
713.812	800	1200	673	997
713.816	800	1600	673	1397
713.818	800	1800	673	1597
713.820	800	2000	673	1797

INTERIOR COVER PLATE

PARTIAL COVER PLATE

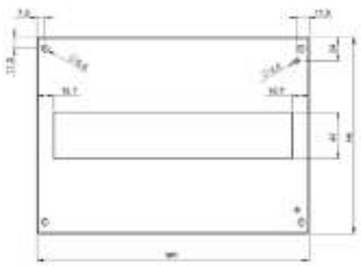


Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 1,50 mm mild steel, RAL 7035

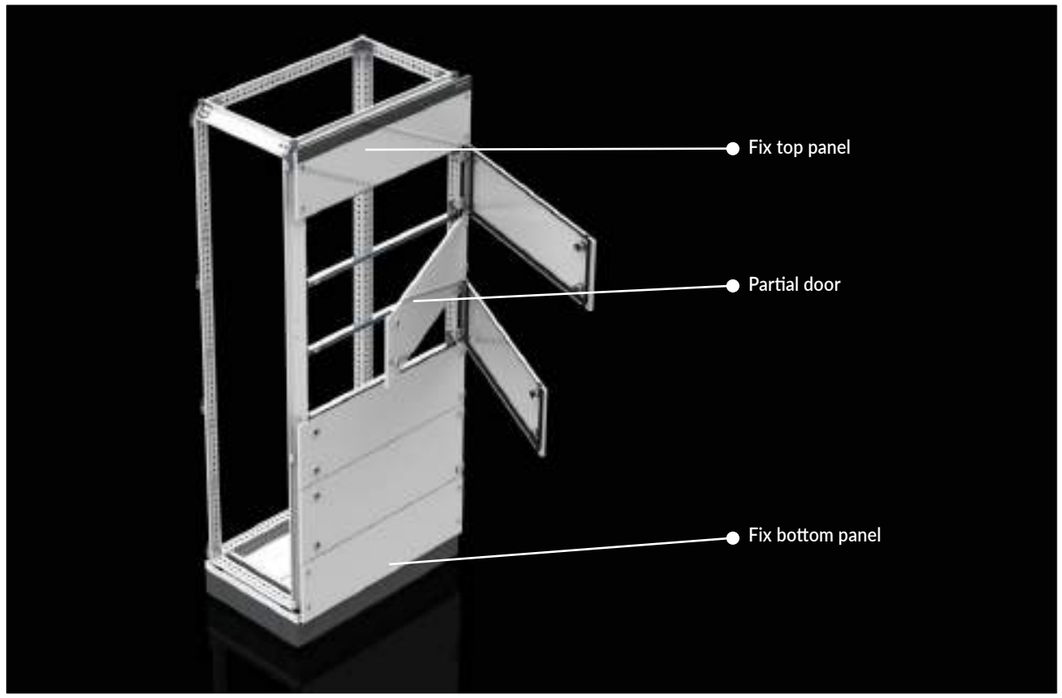
Supply Includes : 1 pcs cover plate and assembling parts

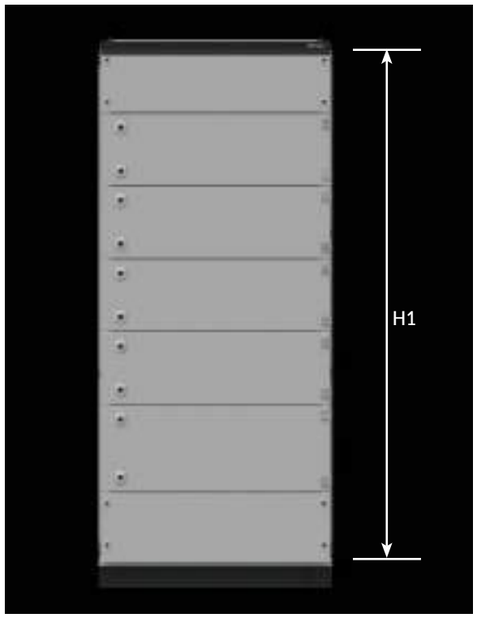
NECESSARY : To fix the interior cover plate, the appropriate interior cover frame set is required for the board size. See page 187



PRODUCT CODE	ENCLOSURE WIDTH (W)	PLATE NET WIDTH (W1)	PLATE NET HEIGHT (H1)	MCB QTY
954.405	400	273	50	-
954.410			100	-
954.415			150	-
954.416			150 W	12
954.420			200	-
954.421			200 W	12
954.425			250	-
954.430			300	-
954.431			300 W	12
954.435			350	-
954.440			400	-
954.450			500	-
954.460			600	-
954.605	600	473	50	-
954.610			100	-
954.615			150	-
954.616			150 W	24
954.620			200	-
954.621			200 W	24
954.625			250	
954.630			300	-
954.631			300 W	24
954.635			350	-
954.640			400	-
954.650			500	-
954.660			600	-
954.705	700	573	50	-
954.710			100	-
954.715			150	-
954.716			150 W	30
954.720			200	-
954.721			200 W	30
954.725			250	-
954.730			300	-
954.731			300 W	30
954.735			350	
954.740			400	-
954.750			500	-
954.760			600	-
954.805	800	673	50	-
954.810			100	-
954.815			150	-
954.816			150 W	36
954.820			200	-
954.821			200 W	36
954.825			250	-
954.830			300	-
954.831			300 W	36
954.835			350	-
954.840			400	-
954.850			500	-
954.860			600	-

PARTIAL DOOR SYSTEM





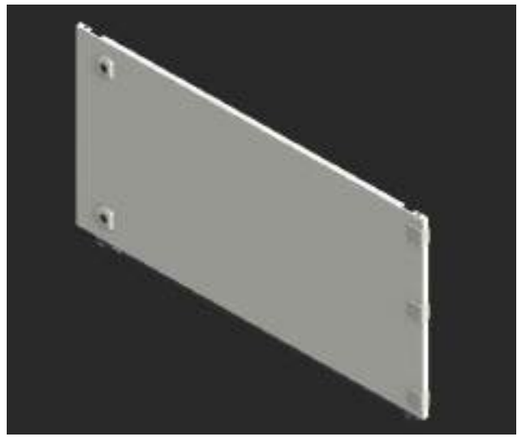
ENCLOSURE HEIGHT (H)	AVAILABLE NOMINAL HEIGHT (H1)
1200	1100
1600	1500
1800	1700
2000	1900
2200	2100

IMPORTANT : 1 piece of fixed top cover and 1 piece of fixed bottom cover shall be chosen for each enclosure.

IMPORTANT : The sum of the door heights must match the available nominal height (H1).

PARTIAL DOOR SYSTEM

PARTIAL FRONT DOOR



Relevance : TEOS

Material : 1,50 mm mild steel + RAL 7035 powder coating

Supply Includes : 1 pcs partial door,
1 piece door splitting profile and fittings.

PRODUCT CODE	ENCLOSURE WIDTH (W)	DOOR HEIGHT
853.415	400	150
853.420	400	200
853.425	400	250
853.430	400	300
853.435	400	350
853.440	400	400
853.445	400	450
853.450	400	500
853.460	400	600
853.480	400	800
853.410	400	1000
853.615	600	150
853.620	600	200
853.625	600	250
853.630	600	300
853.635	600	350
853.640	600	400
853.645	600	450
853.650	600	500
853.660	600	600
853.680	600	800
853.610	600	1000
853.815	800	150
853.820	800	200
853.825	800	250
853.830	800	300
853.835	800	350
853.840	800	400
853.845	800	450
853.850	800	500
853.860	800	600
853.880	800	800
853.810	800	1000

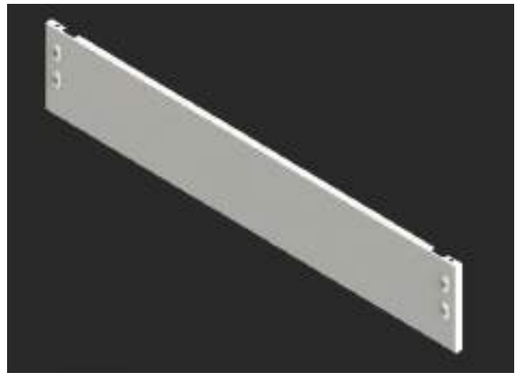
PARTIAL FIX PANEL(TOP)

Relevance : TEOS

Material : 1,50 mm mild steel+ RAL 7035 powder coating

Supply Includes : 1 pcs partial fix panel,
1 piece tac profile,
1 piece door splitting profile and fittings.

PARTIAL FIX PANEL(BOTTOM)



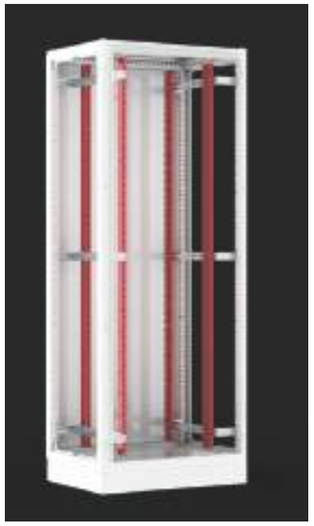
Relevance : TEOS

Material : 1,50 mm mild steel+ RAL 7035 powder coating

Supply Includes : 1 pcs partial fix panel and assembling parts.

TOP PANEL PRODUCT CODE	BOTTOM PANEL PRODUCT CODE	ENCLOSURE Width(W)	DOOR HEIGHT
854.410	855.410	400	100
854.420	855.420	400	200
854.610	855.610	600	100
854.620	855.620	600	200
854.810	855.810	800	100
854.820	855.820	800	200

19” MOUNTING SYSTEM



19” COMBINATION PROFILES

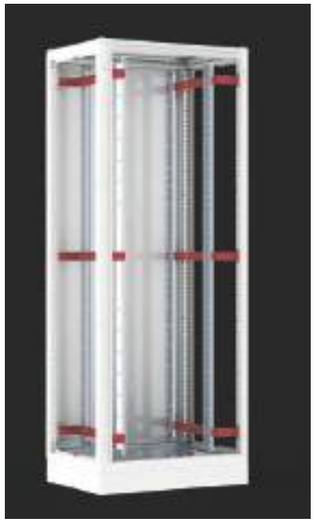
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 2,00 mm mild steel+ zinc-plating

Supply Includes : 4 pcs profile and combination screws

REQUIRED : 6 pcs scissile rail for 600mm width enclosure applications on depth side of enclosure. In 800 mm width enclosures, 6 pcs 800 mm width adapter requires.

PRODUCT CODE	ENCLOSURE HEIGHT(H)	UNIT U
944.930	1200	24
944.931	1600	33
944.932	2000	42



800 mm WIDTH ADAPTER (19”)

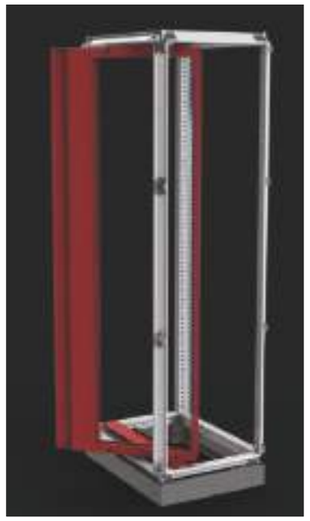
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 2,00 mm mild steel+ zinc-plating

Supply Includes : 6 pcs adapter and assembling parts.

Product Code : Enclosure depth: 600 mm: **944.933**
Enclosure depth: 800 mm: **944.934**

MOUNTING ACCESORIES



19” SWING FRAME

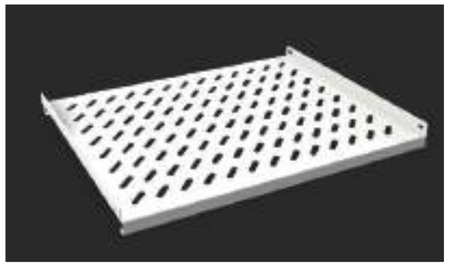
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

Material : 2,00 mm mild steel + RAL 7035 coating

Supply Includes : 1 set of swing frame (lock-hinges included)

	ENCLOSURE		
PRODUCT CODE	WIDTH (W)	HEIGHT (H)	UNIT U
944.935	600	1200	22
944.936	600	1600	31
994.937	600	1800	36
944.938	600	2000	40
994.939	600	2200	45
944.940	800	1200	22
944.941	800	1600	31
944.942	800	1800	36
944.943	800	2000	40
944.944	800	2200	45

FIXED and MOVABLE SHELF

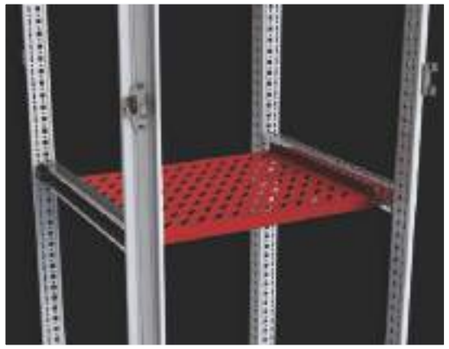


Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

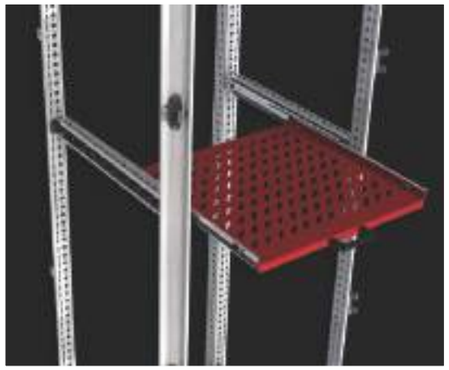
Material : 1,50 mm mild steel+RAL 7035 coating

Supply Includes : 1 pcs shelf and combination parts. It may be used with Rails.

REQUIRED : According to depth of enclosures, a pair of depth rail and 4 rail brackets are needed.



PRODUCT CODE	ENCLOSURE WIDTH (mm)	ENCLOSURE DEPTH (mm)
FIXED SHELF IN FULL SIZE		
945.200	600	600
945.201		800
MOVABLE SHELF IN FULL SIZE		
945.400	600	600
945.401		800
FIXED SHELF IN 19" SYSTEM		
945.204		600
945.205		800
MOVABLE SHELF IN 19" SYSTEM		
945.404		600
945.405		800



PRODUCT CODE	ENCLOSURE WIDTH (mm)	ENCLOSURE DEPTH (mm)
FIXED SHELF IN FULL SIZE		
945.202	800	600
945.203		800
MOVABLE SHELF IN FULL SIZE		
945.402	800	600
945.403		800

ASSEMBLY SUPPORT PRODUCTS

KNITTED EARTHING CABLE

Material : Copper + tin-plating

Supply Includes : 5 pcs cable and screws

Product Code : **991.202** (5 pcs)
991.204 (1 pcs)

M6 HIDE NUT

- Necessary for installing the support and mounting rails on the enclosure. Installed from square perforations placed on the front surface of closed profiles.

Product Code : **994.170** (100 pcs packs)
994.171 (10 pcs packs)

COMFORT LOCKING HANDLE & INSERTS

Relevance : TEOS

Product Code :

COMFORT Locking Handle with 5333 insert	: 950.103
Insert Doublebit 5,00mm	: 951.250
Insert Triangle 9,00mm	: 951.252
Insert Square 8,00mm	: 951.251

NECESSARY : In the case of selecting of the other lock inserts (Doublebit , Triangle and Square), the corresponding key must also be selected.

COMFORT LOCKING HANDLE & INSERTS

Relevance : NEO Modular, NEO Mb

Reference no :

COMFORT Locking Handle with 5333 insert	: 950.117
COMFORT Locking Handle (PAD LOCK) with 5333 insert	: 951.214
Insert Doublebit 5,00mm	: 950.110
Insert Triangle 9,00mm	: 950.115
Insert Square 8,00mm	: 950.116

NECESSARY : In the case of selecting of the other lock inserts (Doublebit , Triangle and Square), the corresponding key must also be selected.

KEYS

Relevance : All Lock Systems

Material : Zamak + Zinc-Coating

Supply Includes : Key 1 pcs
Eurokey 2 pcs

PRODUCT CODE	MODEL
952.101	5 mm Double-bit
952.102	8 mm Square
952.103	9 mm Triangular
952.300	Eurokey (5333)

INDEX // POWER DISTRIBUTION SOLUTIONS - PDS

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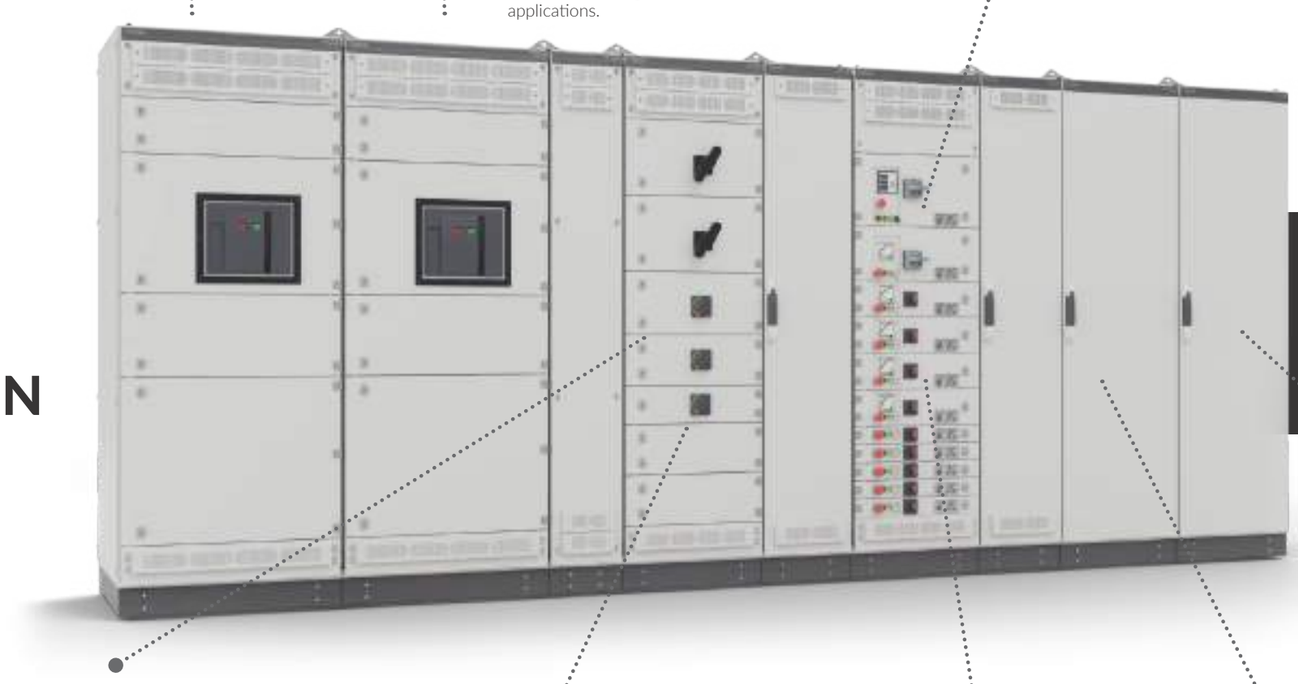
WIDE RANGE OF APPLICATION

Connection from Network to Panel entry via cable or busbar.

Input-output and coupling applications with withdrawable or fixed Open Type Circuit Breaker (ACB) applications.

Supplying main panel system with cable or busbar connection from generators, automatic starting applications.

Possibility to replace with the spare equipment within 5 minutes with withdrawable MCCB (Compact Circuit Breaker) applications.



Supplying, or feeding and switching the local distributors with MCCB (Compact Circuit Breaker) applications.

Controlling the motors with Fixed Type MCC (DOL or DSD) applications.

Possibility to replace with the spare equipment within 5 minutes with withdrawable MCC (DOL or DSD) applications.

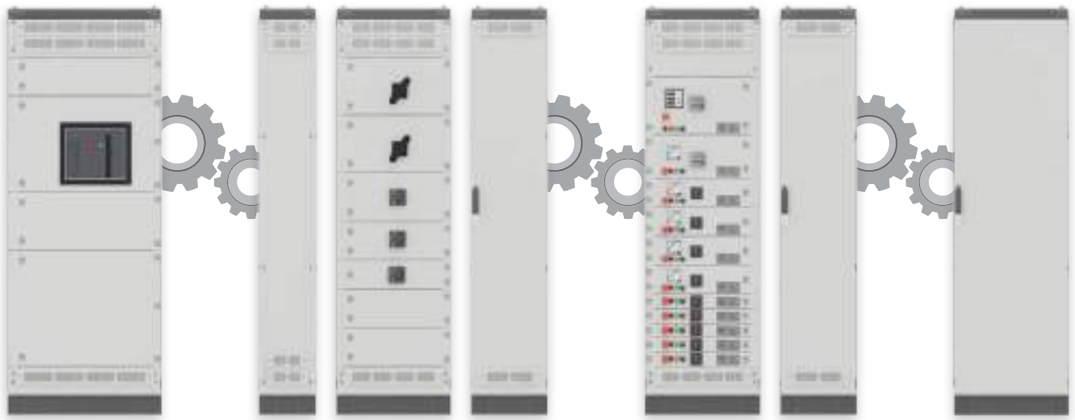
Full adaptation to the system with system modules with mounting plate or rail in speed control or automation applications.

Full adaptation to the system with rail supported mounting modules in compensation applications.

FROM SOFTWARE TO REAL PRODUCT

Perfect consistency with the products you received and the designs you made and approved via software.

COMBINATION OF MODULES
AND COMPLIANCE WITH STANDARDS



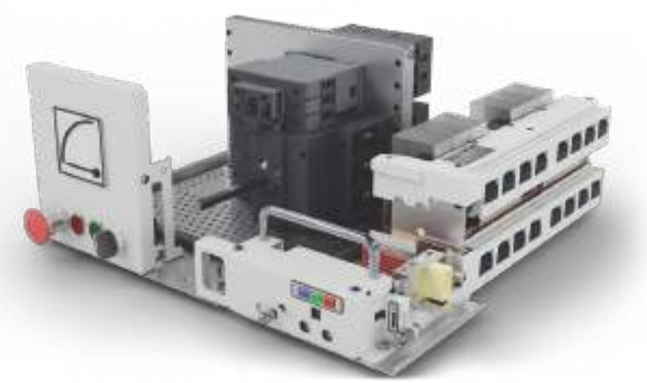
PDS 4000A SYSTEM

Compatibility between modules is ensured by pursuing all functions of type test from design to test process for the modules designed for different purposes. This way, compliance with standards in product assemblies is ensured independent of persons and perfect consistency is achieved in entire product group.

Applied Standard	IEC 61439-1/2 IEC 61641, IEC 62208 IEC 60529, IEC 60068-3-3
Rated Voltage (Ue)	690 V
Nominal Current (In)	Up to 4000A
Rated Insulation Voltage (Ui)	Up to 1000V
Rated Impulse-Withstand Voltage (Uimp)	Up to 12kV
Degree of Protection (IP)	Up to IP53
Mechanical Strength (IK)	10
Rated Peak Withstand Current (Ipk)	Up to 176kA
Degree of Separation	Form 1-4b
Rated Short Time Withstand Current (Icw)	Max. 85kA – 1s. / 65kA – 3s.
Connection Type	F.F.F – W.W.W
Pollution Degree	3
Material Group	IIIa
Internal Arc Withstand	60kA rms – 0,3ms
Seismic Withstand	Up to ZONE 3

IEC IP53 CE TSE EAC DEKRA c UL us SEISMIC TESTED

UNINTERRUPTIBLE POWER



- Your processes will not stop because of faulty or malfunctioning electrical equipment. Without needing power cuts, only the faulty equipment can be replaced within 2-5 minutes with the spare one. Even without needing high technical knowledge and compromising safety.

- Module options up to 630A

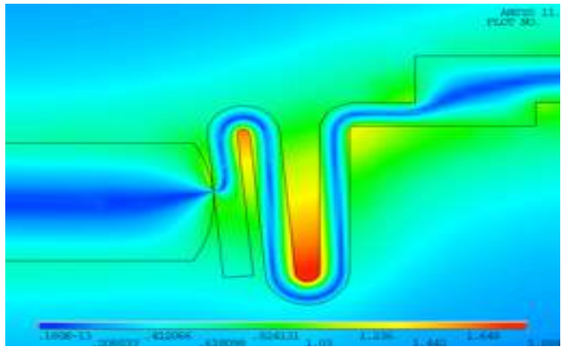
- Motor starting up to 110 kw maximum
- Motor star delta starting up to 110kw maximum

FEATURED PROPERTIES IN WITHDRAWABLE SYSTEMS

CONTROL OUTPUTS

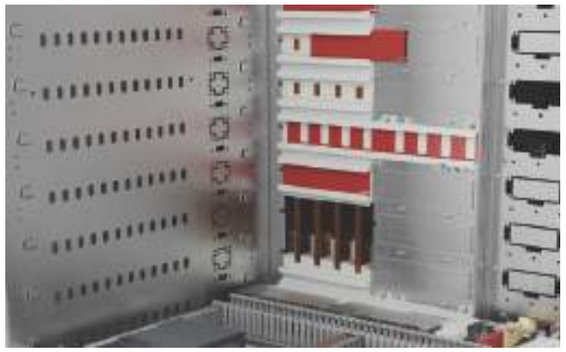
With its modular structure, control connections in the drawers can be made in different combinations. In addition to signal and RJ45 outputs, it is also possible to use cable connectors. It is possible to have up to 96 control outputs from drawers.

COMPRESSED CONNECTION SYSTEM



Compressed connection systems in Vertical Busbar connection modules provide a continuous and safe connection thanks to the special structure of internal copper layer. In contrast to conventional connection systems, it is not affected from the magnetic field that occurs during short circuit moment and does not allow contact loss.

VERTICAL BUSBAR SYSTEM



Full insulation between the conductors in vertical busbar compartment is ensured. This way, arc faults occurring in this compartment or in other compartments are prevented from proceeding through the compartment. With the automatic closers at all connection points, user safety is ensured. Thanks to its safe structure, withdrawable systems can be removed when the line is powered.

COOLING SYSTEM

• Continuous cooling thanks to special metal filter application suitable for temperature tests and compatible with high temperature conditions on panel modules.

• Filters are produced from metal material and have IP53 protection class. It can be removed and cleaned from outside. It is resistant to arc flashes and high temperature

• In Form3 and above closures in the output modules inside the panel, cold air enters from the side and exits from the top air filters by exiting from the top of the mounting plate to the back of the panel. Output modules are prevented from loading heat to each other.

TAKE ADVANTAGE OF ALL BRANDS

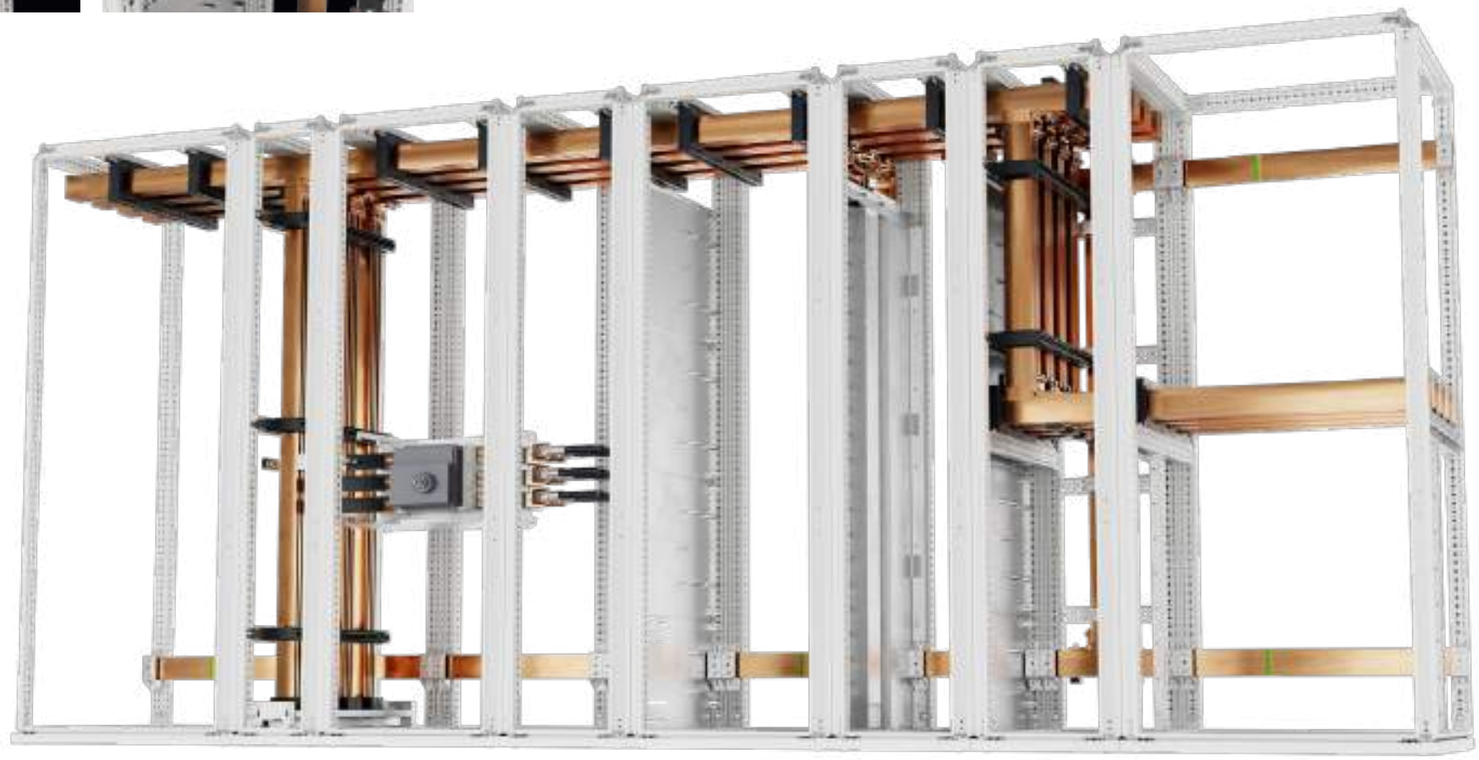
PDS system is designed complying to standards, being compatible with the products of all switching equipment manufacturers. You can make the combinations you wish with infinite options of each brand and product.

ABB EATON legrand LS MITSUBISHI ELECTRIC Schneider Electric SIEMENS

PDS 4000A Plug-In Main Busbar System

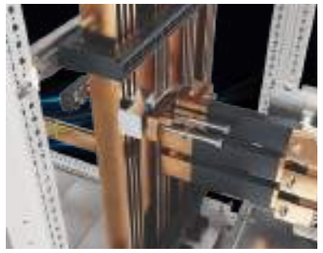
MAIN BUSBAR-DISTRIBUTION BUSBAR CONNECTION

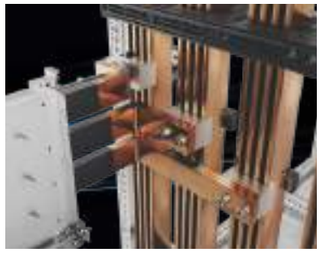
NEUTRAL MAIN BUSBAR-NEUTRAL DISTRIBUTION BUSBAR CONNECTION



GROUNDING BUSBAR CONNECTION

DISTRIBUTION BUSBAR-MCCB (Compact Circuit Breaker) CONNECTION





Main Busbar Current Carrying Capacity at 25 ° C +30K (A)	Main Busbar	Panel Depth
1350	40/10x2	600mm
1620	50/10x2	600mm
1860	60/10x2	600mm
2300	80/10x2	600mm
2500	40/10x4	800mm
3000	50/10x4	800mm
3400	60/10x4	800mm
4000A	80/10x4	800mm

IEC 61439-1/2

Rated Voltage (Ue) = 690V

Isolation Voltage (Ui) = 1000V

Rated Peak Withstand Current (Ipk) = Up to 176kA

Short Circuit Withstand (Icw)

=Max. 85kA-1sn / 65kA-3sn

GENERAL MECHANICAL and ELECTRICAL CHARACTERISTICS

1.1. CONFIRMITY of IEC EN 61439 - 1&2 STANDARD

- The PDS switchboards have undergone the type tests IEC 61439-1&2 Standard at the international accredited type test laboratories such as Dekra , LVT and exct.
- The results of these tests guarantee the performances of the PDS switchboards and allow the end constructor of the switchboard using TEKPAN-PDS System.
- Metal structures, air, moulded-case and miniature circuit-breakers, not to carry out further type tests, respecting the selection criteria and the assembly instructions of the various components. These results, given below, can be referred to for drawing up the declaration of conformity of the electric switchboard.
- In the tables following, the thermal dissipation values are indicated, referring to all the dimensions of the PDS switchboards and to the type of installation, deriving from the type tests carried out. The dissipated power data (in Watts) are according to the admissible overtemperature inside the switchboard in the upper part, and must be compared with the sum of the powers dissipated by all the components installed inside the switchboard (taking appropriately into account the factor of contemporaneity).

SHORT-CIRCUIT WITHSTAND CURRENT - UP TO 4000A SYSTEM

- Rated short-time short-circuit current (Icw) : **Up to 85kA (1s) , 65kA (3s)**
- Rated max. peak short-circuit current (Ipk) : **Up to 176kA**
- Rated short-time short-circuit current (Icw) in withdrawble module : **Up to 60kA (1s) , Peak(Ipk) : 132kA**

DIELECTRIC PROPERTIES - UP TO 4000A SYSYEM

- Rated service voltage (Ue) : **Up to 690V AC**
- Rated insulation voltage (Ui) : **Up to 1000V AC , Up to 800V AC in withdrawable module**
- Rated impulse withstand voltage(Uimp) : **Up to 12kV , Up to 8kV in withdrawable module**
- The insulation distances are guaranteed by following the PDS metalwork structure instructions and circuit-breaker assembly and mounting instructions of manufacturers.

EFFICIENCY OF THE PROTECTION CIRCUIT

- Following the assembly indications of the metal components, the effective electrical continuity between the exposed conductive parts is verified, with negligible resistance values.
- Protection circuit short-circuit withstand current : phase-earthing busbar : **Icw :60kA (1s) , Ipk:132kA**

GENERAL MECHANICAL and ELECTRICAL CHARACTERISTICS

MECHANICAL OPERATION

- Mechanical operation is verified by following the assembly and mounting instructions for the PDS metalwork structures and instructions for the circuit-breaker manufacturers.

DEGREE OF PROTECTION(IP) ACCORDING TO IEC EN 60529 / MECHANICAL IMPACT (IK)

- Modules with ventilated door and rear panels in Internal Front protection : **Up to IP53 , IK10 / IK08 (Glazed Doors)**
- Modules with ventilated door and rear panels in External Front protection : **Up to IP53 , IK10**
- Modules with ventilated door and rear panels in Withdrawable Module : **Up to IP40 , IK10**
- Modules with ventilated rear panels in Internal Front protection without door : **Up to IP30 , IK08**

MECHANICAL CHARACTERISTICS

MATERIALS :

SHEET PARTS :

- Sheet steel Parts : 6112 grade EN 10130-99 DC01
- Galvanized steel Parts : 1311 grade DIN EN 10142-00 DX51 D+Z
- Frame : 1,50mm galvanized steel + RAL 7035 flat powder coated
- Full front doors : 2,00mm sheet steel + RAL 7035 ragged powder coated
- External Partial doors , Rear Panels : 1,50mm sheet steel + RAL 7035 ragged powder coated
- Top panels and Side panels : 1,50mm sheet steel + RAL 7035 ragged powder coated
- Internal Covers : 1,20mm sheet steel + RAL 7035 flat powder coated
- Base-Plinth Parts : 1,50-2,00-3,00mm Galvanized steel + RAL 7012 ragged Powder Co
- Mounting plates : 2,00mm galvanized steel
- Segregation plates : 1,50mm galvanized steel
- Assembly& Support Rails : 2,00 - 3,00mm sheet steel + zinc coated Cr+3 passivated

PLASTIC PARTS :

- Busbar holders : PolyamidPA (6.6) reinforced with fiberglass , V0 UL 94 (-40°C + 130°C)
- Segragation plates : 3mm Polycarbonat sheet , B-S1-d0 according to EN 13501-1
  - Dry Heat Tested according to IEC 60068-2-2 Test Bb
  - Glow Wire Tested according to IEC 60695-2-10/11

DIE CAST PARTS :

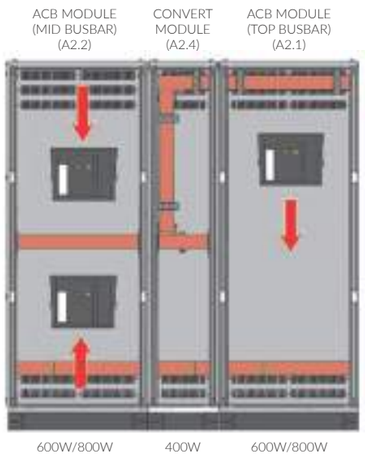
- Aluminum Joint Corner : Etial-160 AlSi9cu3 (A-380)
- Fixing parts : Zinc Zamak 5 (ZnAl4Cu1)

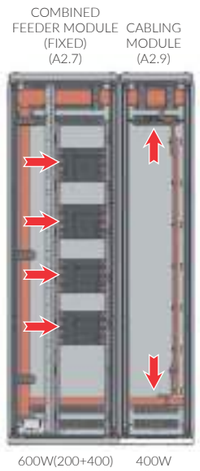
FASTENERS :

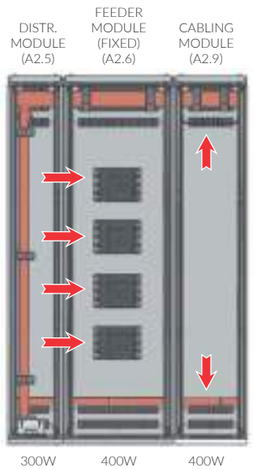
- Screws : 8.8 ISO 898-2
- Nuts : 8 ISO 898-2

GLASS on DOOR : 4,00mm Temperred Glass (IK08)

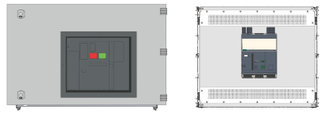
1. PREVIEW OF MODULE AND CASSETTE SYSTEMS



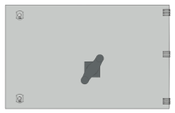




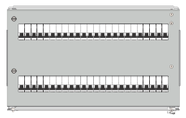
ACB/MCCB(VER) Cassette (A3.1)

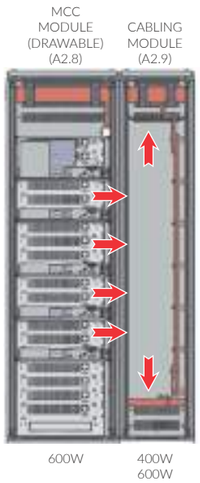


MCCB(Easy-Fix) Cassettes (A3.2)



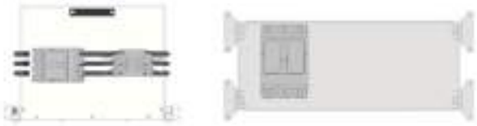
MCB Cassette (A3.4)

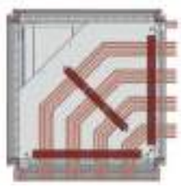


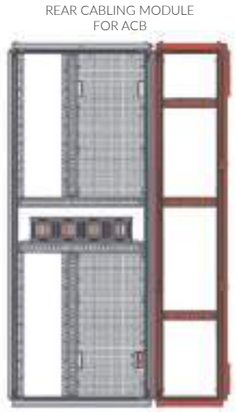


MCC(Drawable) Cassette (A3.5)

PFC(Compensation) Module&Cassette (A2.12)







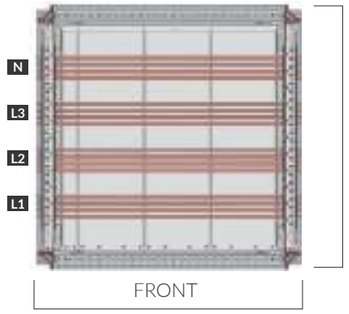
DESIGN YOUR OWN PROJECT THROUGH SOFTWARE

The PDS software all use to design the project requirement and prepare your drawing-supported visuals.

The PDS software is open to all users and is easy to use.

2. OPTIONS FOR MODULE SYSTEMS

MODULE DEPTH OPTIONS



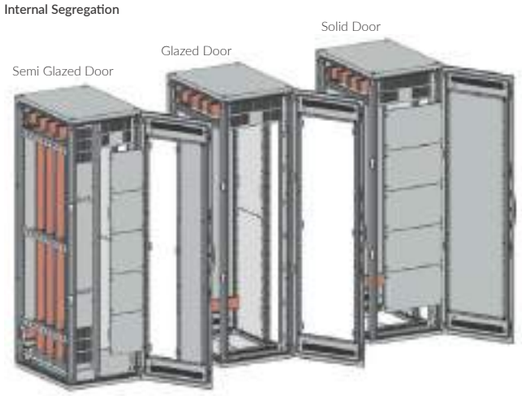
DEPTH 600 : 1350A - 2300A 3 - 4 Phases
DEPTH 800 : 2500A - 4000A 3 - 4 Phases

MODULE FRONT PROTECTION OPTIONS

External Segregation

USEFUL TO :
- ACB Modules
- Feeder Modules
- MCC (Drawable) Modules
- Independent Front Interference
- Free usage of Handles and Toggles

Internal Segregation



USEFUL TO :
- Combined Feeder Module
- Feeder Modules
- Front Interference via the Front Door
- Limited usage of Handles and Toggles

SEGREGATION OPTIONS

FORM 1

ACB MODULES FEEDER MODULES

FORM 2a-4b

ACB MODULES FEEDER MODULES

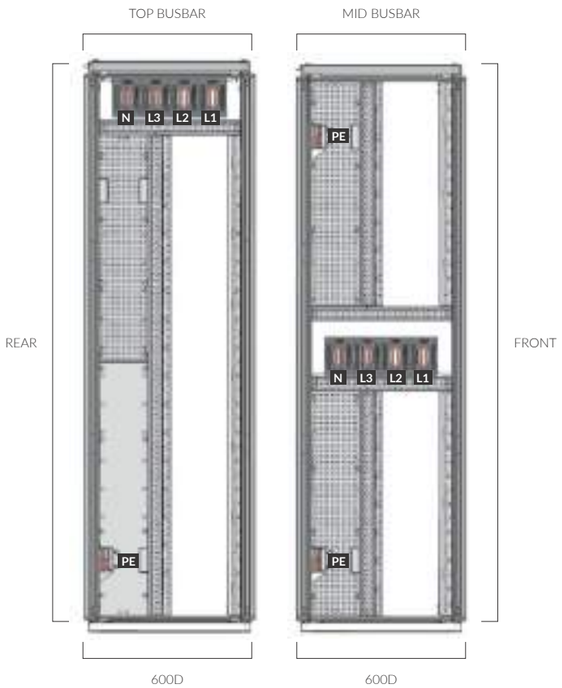
AVAILABLE AT :
- All Modules
- External and Internal Segregation

NOTES :
- At MCC (Drawable) Module, only Form4 solution is available

3. BUSBAR SYSTEM FOR MODULES

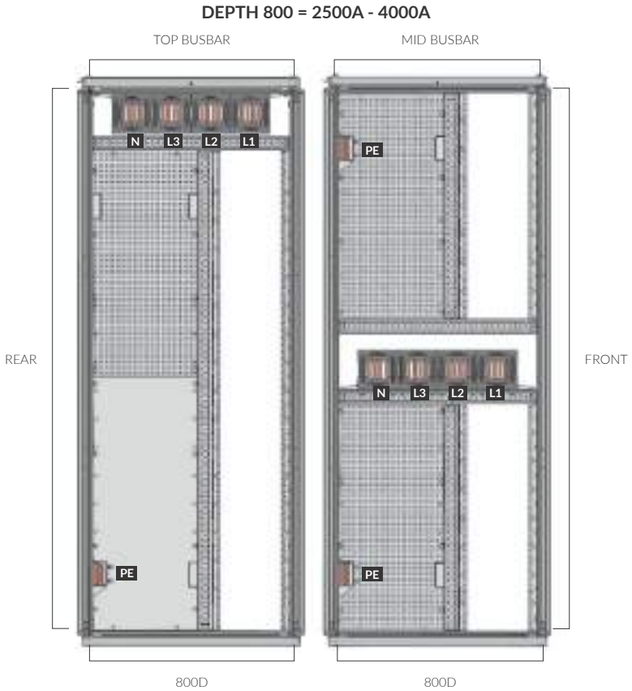
MAIN BUSBAR

DEPTH 600 = 1350A - 2300A



AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/ L2 / L3	Neutral (N)	PE
1/2 N	1350A	40/10 x 2	40/5 x 2	20/5 x 2
1/1 N	1350A	40/10 x 2	40/10 x 2	40/5 x 2
1/2 N	1620A	50/10 x 2	50/5 x 2	25/5 x 2
1/1 N	1620A	50/10 x 2	50/10 x 2	50/5 x 2
1/2 N	1860A	60/10 x 2	60/5 x 2	30/5 x 2
1/1 N	1860A	60/10 x 2	60/10 x 2	60/5 x 2
1/2 N	2300A	80/10 x 2	40/10 x 2	40/5 x 2
1/1 N	2300A	80/10 x 2	80/10 x 2	40/10 x 2

DEPTH 800 = 2500A - 4000A

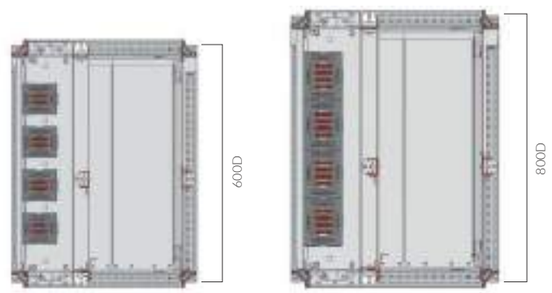


AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/ L2 / L3	Neutral (N)	PE
1/2 N	2500A	40/10 x 4	40/10x 2	40/5 x 2
1/1 N	2500A	40/10 x 4	40/10 x 4	40/10 x 2
1/2 N	3000A	50/10 x 4	50/10 x 2	50/5 x 2
1/1 N	3000A	50/10 x 4	50/10 x 4	50/10 x 2
1/2 N	3400A	60/10 x 4	60/10 x 2	60/5 x 2
1/1 N	3400A	60/10 x 4	60/10 x 4	60/10x 2
1/2 N	4000A	80/10 x 4	80/10 x 2	40/10 x 2
1/1 N	4000A	80/10 x 4	80/10 x 4	80/10 x 2

3. BUSBAR SYSTEM FOR MODULES

DISTRIBUTION BUSBARS

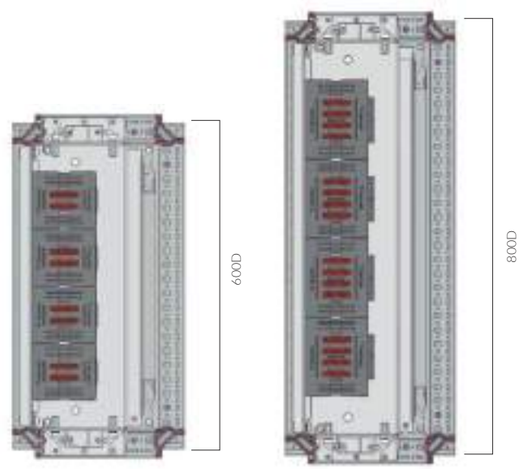
COMBINED FEEDER MODULE



! Note : 4 Phases position is valid in only TN-S and TN-C(PEN) configurations. Please see at Earthing System.

AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.			
Module Depth	Rated Current (In)	Flat Copper Size (mm) x Qty	
		L1/ L2 / L3	Neutral (N)
600D/800D	495A	20/5 x 2	20/5 x 2
600D/800D	700A	30/5x 2	30/5x 2
600D/800D	900A	40/5 x 2	40/5 x 2
600D/800D	1100A	50/5 x 2	50/5 x 2
600D/800D	1300A	60/5 x 2	60/5 x 2
600D/800D	1350A	40/10 x 2	40/10 x 2
600D/800D	1620A	50/10 x 2	50/10 x 2
600D/800D	1860A	60/10 x 2	60/10 x 2
800D	2500A	40/10 x 4	40/10 x 4
800D	3000A	50/10 x 4	50/10 x 4
800D	3400A	60/10 x 4	60/10 x 4

DISTRIBUTION MODULE



! Note : 4 Phases position is valid in only TN-S and TN-C(PEN) configurations. Please see at Earthing System.

AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.			
Module Depth	Rated Current (In)	Flat Copper Size (mm) x Qty	
		L1/ L2 / L3	Neutral (N)
600D/800D	495A	20/5 x 2	20/5 x 2
600D/800D	700A	30/5x 2	30/5x 2
600D/800D	900A	40/5 x 2	40/5 x 2
600D/800D	1100A	50/5 x 2	50/5 x 2
600D/800D	1300A	60/5 x 2	60/5 x 2
600D/800D	1350A	40/10 x 2	40/10 x 2
600D/800D	1620A	50/10 x 2	50/10 x 2
600D/800D	1860A	60/10 x 2	60/10 x 2
600D/800D	2300A	80/10 x2	80/10 x2
800D	2500A	40/10 x 4	40/10 x 4
800D	3000A	50/10 x 4	50/10 x 4
800D	3400A	60/10 x 4	60/10 x 4
800D	4000A	80/10 x 4	80/10 x 4

MODULARITY

3. BUSBAR SYSTEM FOR MODULES

DISTRIBUTION BUSBARS

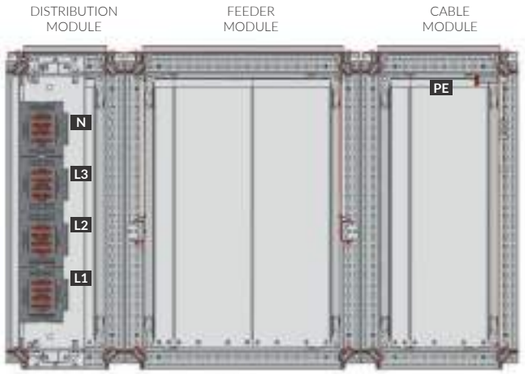
MCC (DRAWABLE) MODULE

FRONT

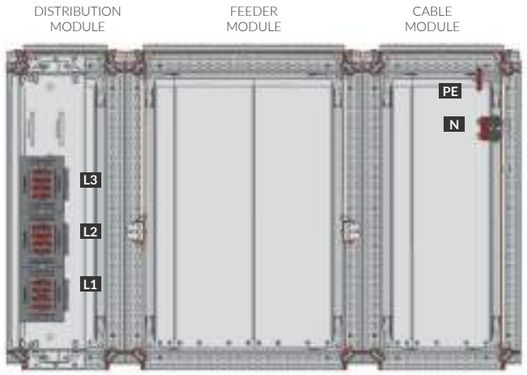
AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.			
Module Depth	Rated Current (In)	Flat Copper Size (mm) x Qty	
		FULL SIZE (N)	
		L1/L2/L3	Neutral (N)
600D / 800D	1100A	60/10 x 1	60/10 x 1

! Note : 4 Phases position is valid in only TN-S and TN-C(PEN) configurations. Please see at Earthing System.

CABLE MODULES



FRONT



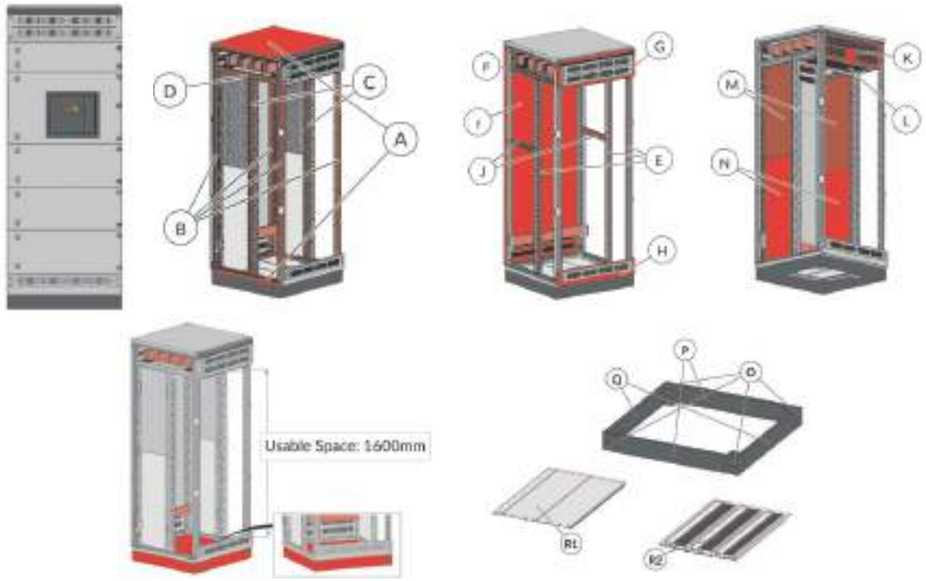
FRONT

AMBIANCE TEMP : 25°C HEATING TEMP : 30°C , 50 Hz. A.C.					
Module Depth	Rated Current (In)	Flat Copper Size (mm) x Qty			
		FULL SIZE (N)		HALF SIZE (N)	
		Neutral (N)	PE	Neutral (N)	PE
600D/800D	495A	20/5 x 2	20/5 x 1	20/5 x 1	20/3 x 1
600D/800D	700A	30/5x 2	30/5x 1	30/5x 1	20/5x 1
600D/800D	900A	40/5 x 2	40/5 x 1	40/5 x 1	20/5 x 1
600D/800D	1100A	50/5 x 2	50/5 x 1	50/5 x 1	25/5 x 1
600D/800D	1300A	60/5 x 2	60/5 x 1	60/5 x 1	30/5 x 1
600D/800D	1350A	40/10 x 2	40/10 x 1	40/10 x 1	40/5x 1
600D/800D	1620A	50/10 x 2	50/10 x 1	50/10 x 1	50/5 x 1
600D/800D	1860A	60/10 x 2	60/10 x 1	60/10 x 1	60/5 x 1
600D/800D	2300A	80/10 x 2	80/10 x 1	40/10 x 2	30/5 x 2
800D	2500A	40/10 x 4	40/10 x 2	40/10 x 2	30/5 x 2
800D	3000A	50/10 x 4	50/10 x 2	50/10 x 2	40/5x 2
800D	3400A	60/10 x 4	60/10 x 2	60/10 x 2	40/10 x 2
800D	4000A	80/10 x 4	80/10 x 2	80/10 x 2	40/10 x 2

PDS system is a whole of systems modularized for needs. Each module and cassettes are put to type tests. This way, different combinations of modules and cassettes are fully in accordance with type test standards. In addition, modularized structure makes it very easy to choose, produce and back up.

A2.1 ACB MODULE (TOP BUSBAR)

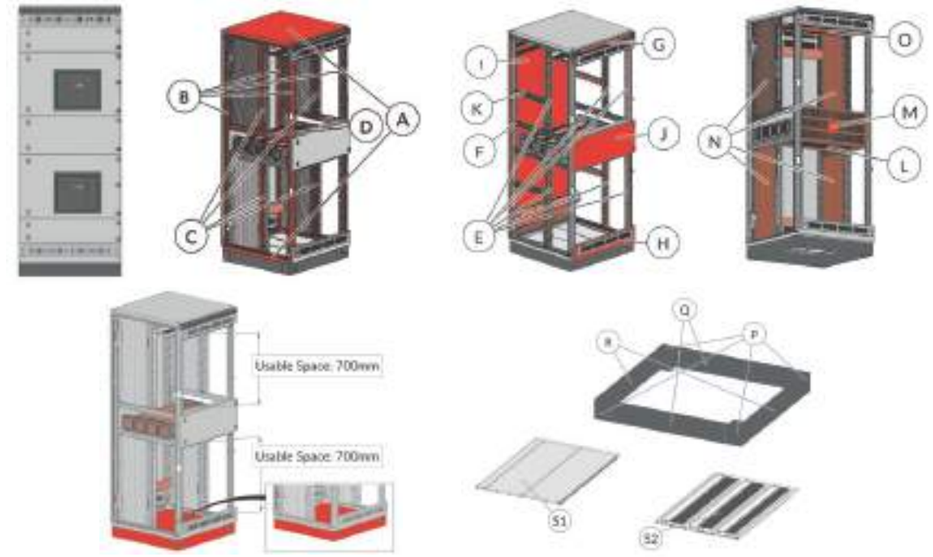
INCOMER/FEEDER MODULE FOR SINGLE ACB OR VERTICAL MCCB



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	600		800			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.662	1001.682	1001.862	1001.882	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Scissile Rail H1800	944.529	944.529	944.529	944.529	2	2
D	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	2
F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	8
E	System-2 Profile Set	1006.018	1006.018	1006.018	1006.018	1	1
G	Fixed Top Partial Cover	1016.620	1016.620	1016.820	1016.820	1	1
H	Fixed Bottom Partial Cover	1018.610	1018.610	1018.810	1018.810	1	1
I	Rear Panel	1003.620	1003.620	1003.820	1003.820	1	1
J	System-2 Rear Separation (Form-1/2a/3a)	1006.004	1006.003	1006.004	1006.003	2	2
SEPARATION PARTS (REQUIRED FOR FORM 2-4B)							
K	Busbar Separation Cover	1013.060	1013.060	1013.080	1013.080	1	1
L	Busbar Separation Shelf	1008.160	1008.160	1008.180	1008.180	1	1
M	Rear Separation(Perforated)	1014.685	1014.885	1014.685	1014.885	2	2
N	Rear Separation(Solid)	1014.690	1014.890	1014.690	1014.890	2	2
O	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
O1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
P	Plinth Front Cover H100	709.160	709.160	709.180	709.180	2	2
Q	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	2
R1	Blank Gland Plates	1005.166	1005.168	1005.186	1005.188	1	1
R2	Foam Rubber Gland Plate	1005.466	1005.468	1005.486	1005.488	1	1

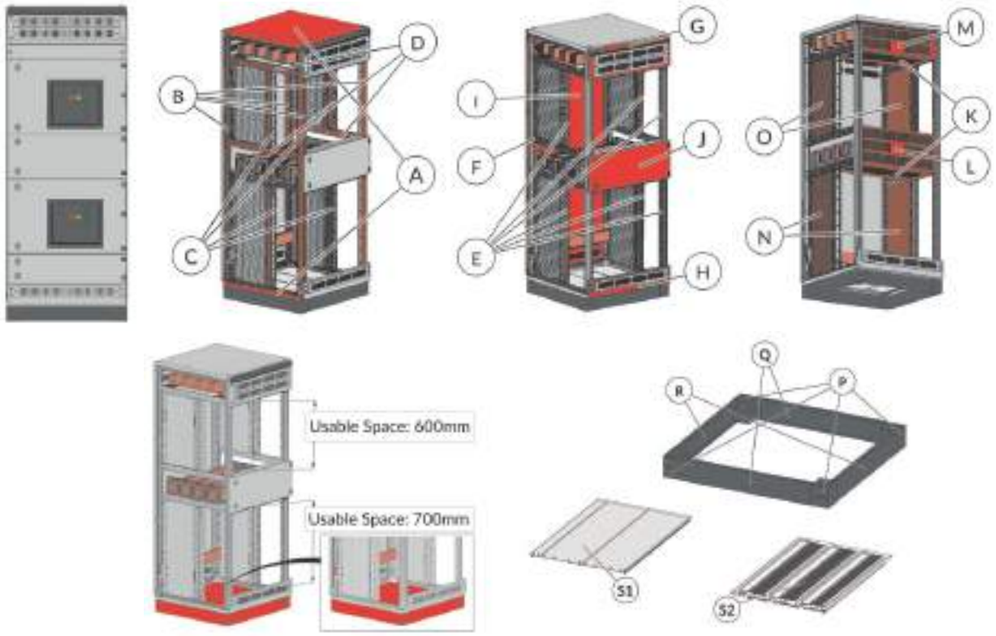
A2.2 ACB MODULE (MID BUSBAR)

INCOMER/FEEDER MODULE FOR SINGLE/DOUBLE ACB OR VERTICAL MCCB



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	600		800			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.662	1001.682	1001.862	1001.882	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Scissile Rail H900	1006.001	1006.001	1006.001	1006.001	4	4
D	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	2
E	System-2 Profile Set	1006.010	1006.010	1006.010	1006.010	1	2
F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	8
G	Fixed Top Partial Cover	1016.610	1016.610	1016.810	1016.810	1	1
H	Fixed Bottom Partial Cover	1018.610	1018.610	1018.810	1018.810	1	1
I	Rear Panel	1003.620	1003.620	1003.820	1003.820	1	1
J	Partial Door	853.630	853.630	853.830	853.830	1	1
K	System-2 Rear Separation (Form-1/2a/3a)	1006.004	1006.003	1006.004	1006.003	2	2
SEPARATION PARTS (REQUIRED FOR FORM 2-4B)							
L	Busbar Separation Shelf	1008.160	1008.160	1008.180	1008.180	1	1
M	Busbar Separation Cover	1013.560	1013.560	1013.580	1013.580	1	1
N	Rear Separation(Perforated)	1014.685	1014.885	1014.685	1014.885	2	4
O	Partial Top Shelf	1017.600	1017.800	1017.600	1017.800	1	1
P	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
P1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
Q	Plinth Front Cover H100	709.160	709.160	709.180	709.180	2	2
R	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	2
S1	Blank Gland Plates	1005.166	1005.168	1005.186	1005.188	1	1
S2	Foam Rubber Gland Plate	1005.466	1005.468	1005.486	1005.488	1	1

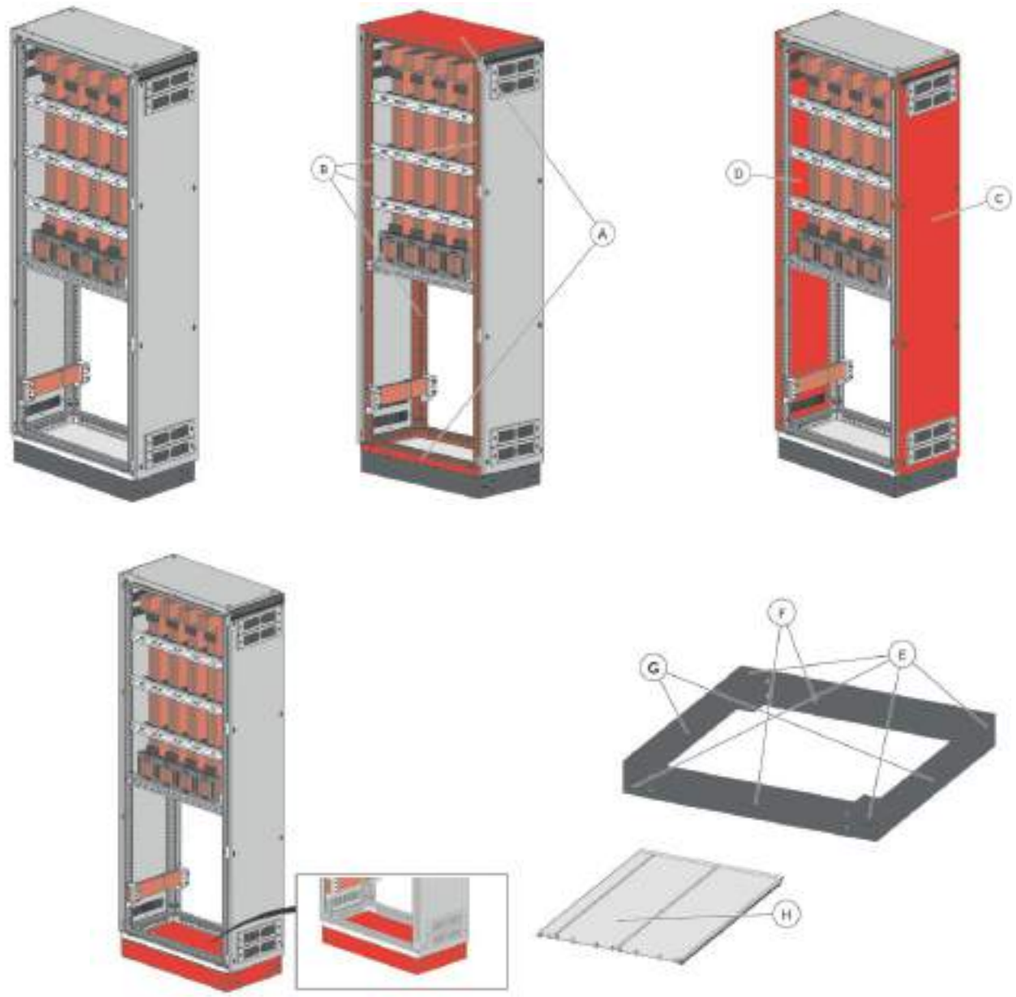
A2.3 COUPLING MODULE



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	600		800			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.662	1001.682	1001.862	1001.882	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Scissile Rail H900	1006.001	1006.001	1006.001	1006.001	4	2
C	Scissile Rail H700	944.532	944.532	944.532	944.532	2	2
D	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	2
E	System-2 Profile Set	1006.007	1006.007	1006.007	1006.007	1	1
F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	8
G	Fixed Top Partial Cover	1016.620	1016.620	1016.820	1016.820	1	1
H	Fixed Bottom Partial Cover	1018.610	1018.610	1018.810	1018.810	1	1
I	Rear Panel	1003.620	1003.620	1003.820	1003.820	1	1
J	Partial Door	853.630	853.630	853.830	853.830	1	1

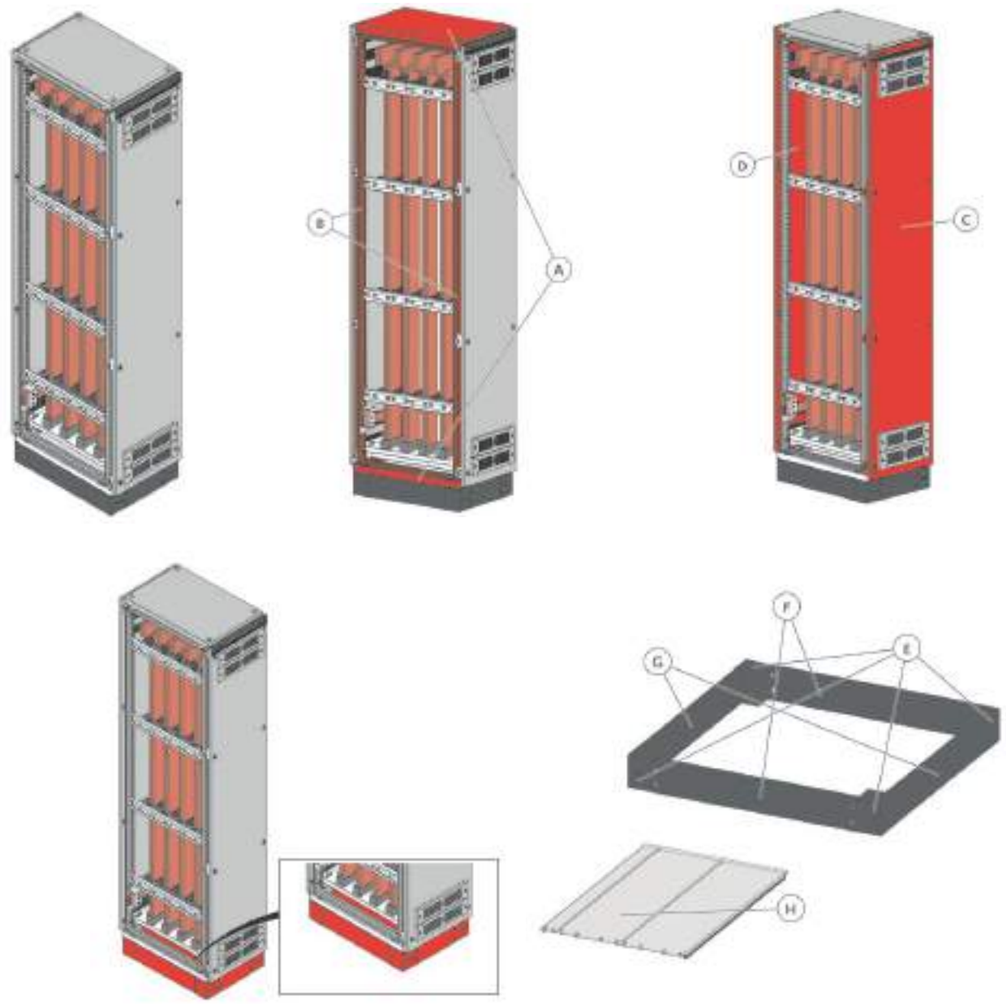
SEPARATION PARTS (REQUIRED FOR FROM 2-4B)							
K	Busbar Separation Shelf	1008.160	1008.160	1008.180	1008.180	1	1
L	Busbar Separation Cover(BOTTOM)	1013.560	1013.560	1013.580	1013.580	1	1
M	Busbar Separation Cover(TOP)	1013.060	1013.060	1013.080	1013.080	2	4
N	Rear Separation (Perforated) (BOTTOM)	1014.675	1014.875	1014.675	1014.875	2	2
O	Rear Separation(Perforated)(TOP)	1014.685	1014.885	1014.685	1014.885	2	2
P	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
P1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
Q	Plinth Front Cover H100	709.160	709.160	709.180	709.180	2	2
R	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	2
S1	Blank Gland Plates	1005.166	1005.168	1005.186	1005.188	1	1
S2	Foam Rubber Gland Plate	1005.466	1005.468	1005.486	1005.488	1	1

A2.4 CONVERT MODULE



	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Width(mm)	400			
	Depth(mm)	600	800		
A	Top-Bottom Group	1001.462	1001.482	1	1
B	Vertical Frame	702.200	702.200	1	1
C	Front Panel	1020.420	1020.420	1	1
D	Rear Panel	1003.420	1003.420	1	1
E	Plinth Corner H100	708.100	708.100	4	4
E1	Plinth Corner H200	708.200	708.200	4	4
F	Plinth Front Cover H100	709.140	709.140	2	2
G	Plinth Side Cover H100	710.160	710.180	2	2
H	Blank Gland Plates	1005.146	1005.148	1	1

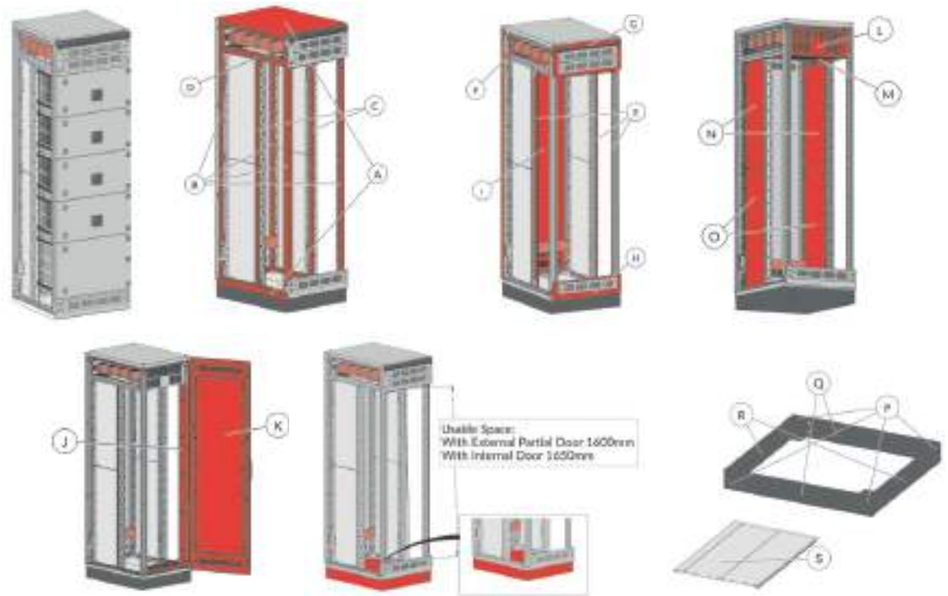
A2.5 DISTRIBUTION MODULE



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	300		400			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.362	1001.382	1001.462	1001.482	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Front Panel	1020.320	1020.320	1020.420	1020.420	1	1
D	Rear Panel	1003.320	1003.320	1003.420	1003.420	1	1
E	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
E1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
F	Plinth Front Cover H100	709.130	709.130	709.140	709.140	2	2
G	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	2
H	Blank Gland Plates	1005.136	1005.138	1005.146	1005.148	1	1

A2.6 FEEDER MODULE

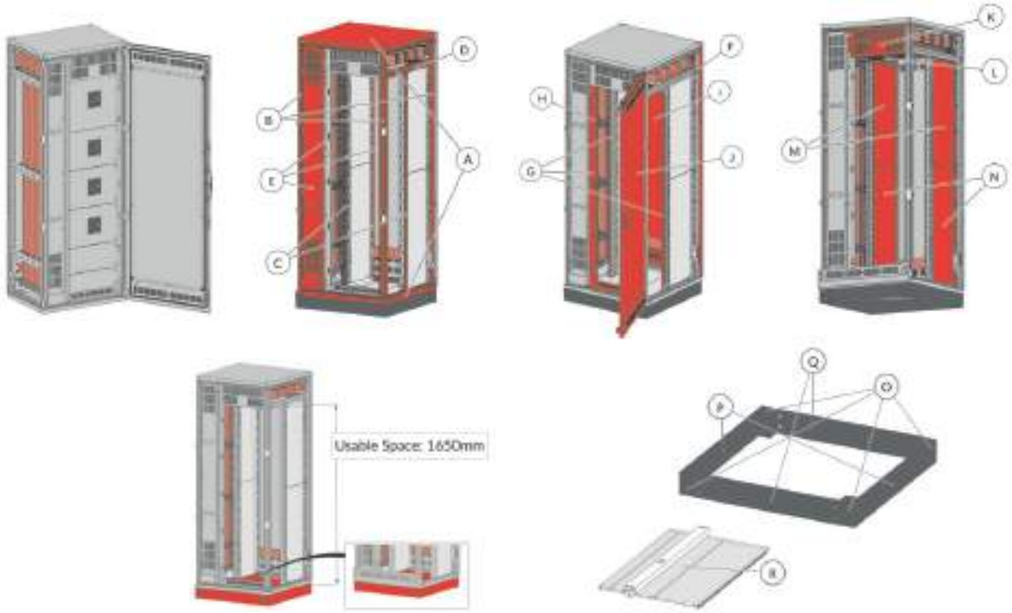
FOR HORIZONTAL FIXED MCCB and MCB



		MODULE SIZE						PACKAGE QTY.	REQUIRED QTY.
		Height(mm)	2000						
		Width(mm)	400		600		800		
		Depth(mm)	600	800	600	800	600	800		
	A	Top-Bottom Group	1001.462	1001.482	1001.662	1001.682	1001.862	1001.882	1	1
	B	Vertical Frame	702.200	702.200	702.200	702.200	702.200	702.200	1	1
	C	Scissile Rail H1800	944.529	944.529	944.529	944.529	944.529	944.529	2	2
	D	Scissile Rail Depth	944.524	944.525	944.524	944.525	944.524	944.525	2	2
	F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	944.421	944.421	12	8
	E	System-2 Profile Set	1006.018	1006.018	1006.018	1006.018	1006.018	1006.018	1	1
External	G	Fixed Top Partial Cover	1016.420	1016.420	1016.620	1016.620	1016.820	1016.820	1	1
External	H	Fixed Bottom Partial Cover	1018.410	1018.410	1018.610	1018.610	1018.810	1018.810	1	1
	I	Rear Panel	1003.420	1003.420	1003.620	1003.620	1003.820	1003.820	1	1
Internal	J	Internal Panel Frame	1007.418	1007.418	1007.618	1007.618	1007.818	1007.818	1	1
Internal	K1	Solid Front Door	1002.420	1002.420	1002.620	1002.620	1002.820	1002.820	1	1
Internal	K2	Glazed Front Door	-	-	1002.621	1002.621	1002.821	1002.821	1	1
		SEPARATION PARTS (REQUIRED FOR FORM 2-4B)								
	L	Busbar Separation Cover	1013.040	1013.040	1013.060	1013.060	1013.080	1013.080	1	1
	M	Busbar Separation Shelf	1008.040	1008.040	1008.060	1008.060	1008.080	1008.080	1	1
	N	Rear Separation(Solid)(TOP)	1014.680	1014.880	1014.680	1014.880	1014.680	1014.880	1	2
	O	Rear Separation(Solid)(BOTTOM)	1014.690	1014.890	1014.690	1014.890	1014.690	1014.890	1	2
	P1	Plinth Corner H100	708.100	708.100	708.100	708.100	708.100	708.100	4	4
	P2	Plinth Corner H200	708.200	708.200	708.200	708.200	708.200	708.200	4	4
	Q	Plinth Front Cover H100	708.140	708.140	708.160	708.160	708.180	708.180	2	2
	R	Plinth Side Cover H100	710.160	710.180	710.160	710.180	710.160	710.180	2	2
	S	Blank Gland Plates	1005.146	1005.148	1005.166	1005.168	1005.186	1005.188	1	1

A2.7 COMBINEED FEEDER MODULE

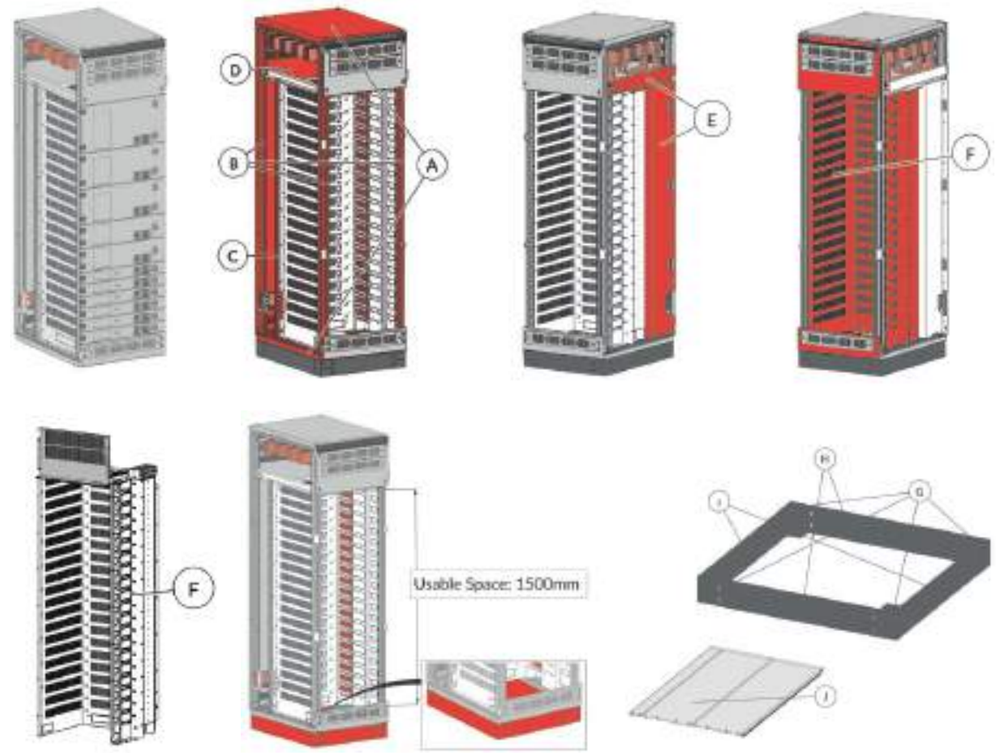
FOR HORIZONTAL FIXED MCCB and MCB



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	600(200+400)		800(200+600)			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.662	1001.682	1001.862	1001.882	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Scissile Rail H1800	944.529	944.529	944.529	944.529	2	2
D	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	2
E	Combined Module Dividing Kit	1027.003	1027.003	1027.003	1027.003	1	1
F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	8
G	System-2 Profile Set	1006.018	1006.018	1006.018	1006.018	4	4
H	Internal Panel Frame	1007.418	1007.418	1007.618	1007.618	1	1
J1	Solid Front Door	1002.620	1002.620	1002.820	1002.820	1	1
J2	Glazed Front Door	1002.622	1002.622	1002.822	1002.822	1	1
I	Rear Panel	1003.620	1003.620	1003.820	1003.820	1	1
SEPARATION PARTS (REQUIRED FOR FORM 2-4b)							
K	Busbar Separation Cover	1013.040	1013.040	1013.060	1013.060	1	1
L	Busbar Separation Shelf	1008.040	1008.040	1008.060	1008.060	1	1
M	Rear Separation(Solid)(TOP)	1014.680	1014.880	1014.680	1014.880	1	2
N	Rear Separation(Solid)(BOTTOM)	1014.690	1014.890	1014.690	1014.890	1	2
O	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
O1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
P	Plinth Side Cover H100	710.160	710.160	710.180	710.180	2	2
Q	Plinth Front Cover H100	709.160	709.160	709.180	709.180	2	2
R	Combined Module Gland Plates	1005.266	1005.268	1005.286	1005.288	1	1

A2.8 MCC MODULE

FOR DRAWABLE MOTOR CONTROL and POWER DISTRIBUTION



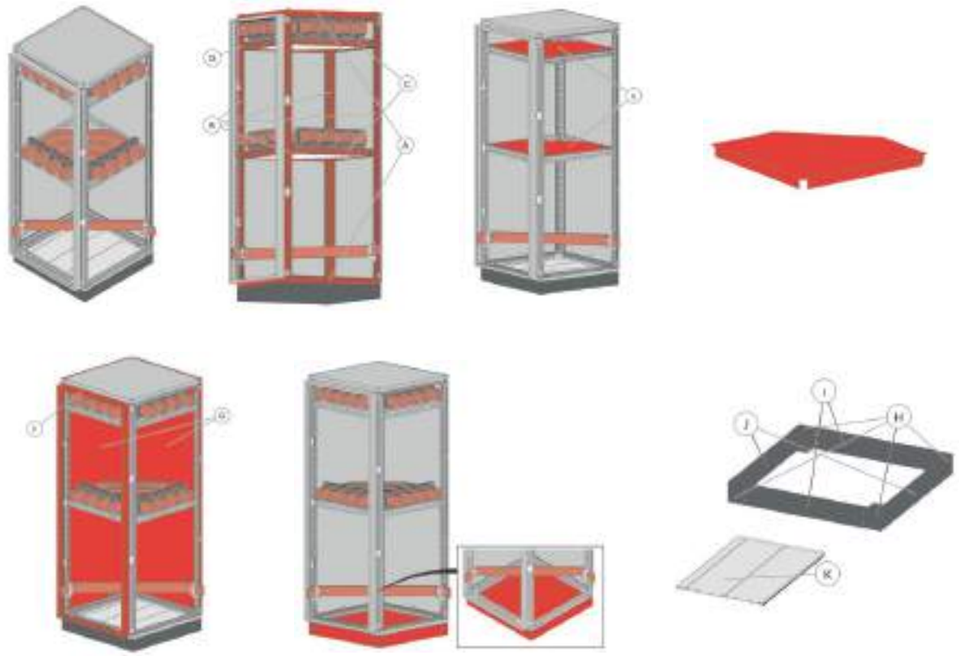
NOTE: Busbar holders and all required parts include the pack.

	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Width(mm)	600			
	Depth(mm)	600	800		
A	Top-Bottom Group	1001.662	1001.682	1	1
B	Vertical Frame	702.200	702.200	1	1
C	Scissile Rail H1700	1006.005	1006.005	2	2
D	Rear Panel	1003.620	1003.620	1	1
E	Depth Adapter	1100.011	1100.012	1	1
F	MCC Frame	1100.001	1100.001	1	1
G	Plinth Corner H100	708.100	708.100	4	4
G1	Plinth Corner H200	708.200	708.200	4	4
H	Plinth Front Cover H100	709.160	709.160	2	2
I	Plinth Side Cover H100	710.160	710.180	2	2
J	Blank Gland Plates	1005.266	1005.268	1	1

A2.9 CABLING MODULE

	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	400		600			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.462	1001.482	1001.662	1001.682	1	1
B	Vertical Frame	702.200	702.200	702.200	702.200	1	1
C	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	2
D	Rear Panel	1003.420	1003.420	1003.620	1003.620	1	1
E	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	4
F	Front Door	1002.420	1002.420	1002.620	1002.620	1	1
G	Busbar Separation Cover	1013.040	1013.040	1013.060	1013.060	1	1
H	Busbar Separation Shelf	1008.040	1008.040	1008.060	1008.060	1	1
I	Busbar Gap Closer(Form 2a/4b)	1027.001	1027.002	1027.001	1027.002	1	1
J	Neutral Bar Insulation Kit	1025.246	1025.248	1025.266	1025.268	1	1
K1	Cabling Side Profile(Form-1)	1025.160	1025.180	1025.160	1025.180	6	6
K2	Cabling Side Cover	1008.040	1008.040	1008.060	1008.060	1	1
K2	Cabling Side Cover	1025.060	1025.080	1025.060	1025.080	1	1
K3	Cabling Section PE-N Rail (Common Cabling)	1025.001	1025.001	1025.001	1025.001	6	6
L	Plinth Corner H100	708.100	708.100	708.100	708.100	4	4
L1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	4
M	Plinth Front Cover H100	709.140	709.140	709.160	709.160	2	2
N	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	2
O1	Blank Gland Plates	1005.146	1005.148	1005.166	1005.168	1	1
O2	Foam Rubber Gland Plate	1005.446	1005.448	1005.466	1005.468	1	1

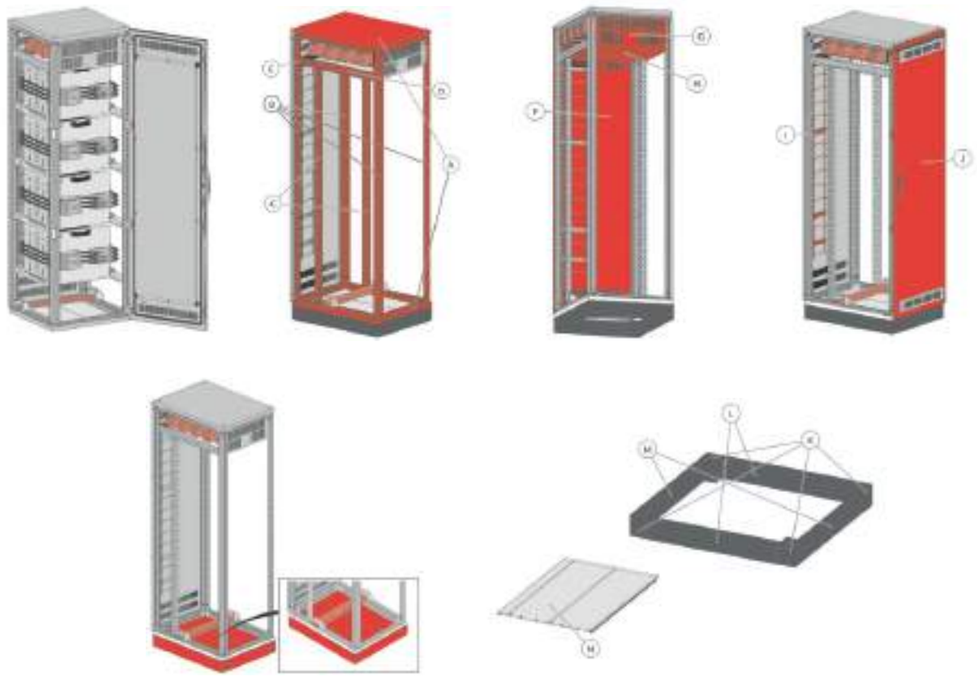
A2.10 CORNER MODULE



	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Width(mm)	600	800		
	Depth(mm)	600	800		
A	Top-Bottom Group	1001.662	1001.882	1	1
B	Vertical Frame	702.200	702.200	1	1
C	Scissile Rail (Corner)	944.524	944.525	2	4
D	Fixing Bracket(12 pcs.)	944.421	944.421	12	8
E	Busbar Rail Kit	1036.360	1036.380	1	1
F	Corner Adapter Kit	1036.460	1036.480	1	1
G	Side Panels	706.206	706.208	1	1
H	Plinth Corner H100	708.100	708.100	4	4
H1	Plinth Corner H200	708.200	708.200	4	4
I	Plinth Front Cover H100	709.140	709.140	2	2
J	Plinth Side Cover H100	710.160	710,180	2	2
K	Blank Gland Plates	1005.166	1005.188	1	1

A2.12 PFC (COMPENSATION) MODULE/CASSETTES

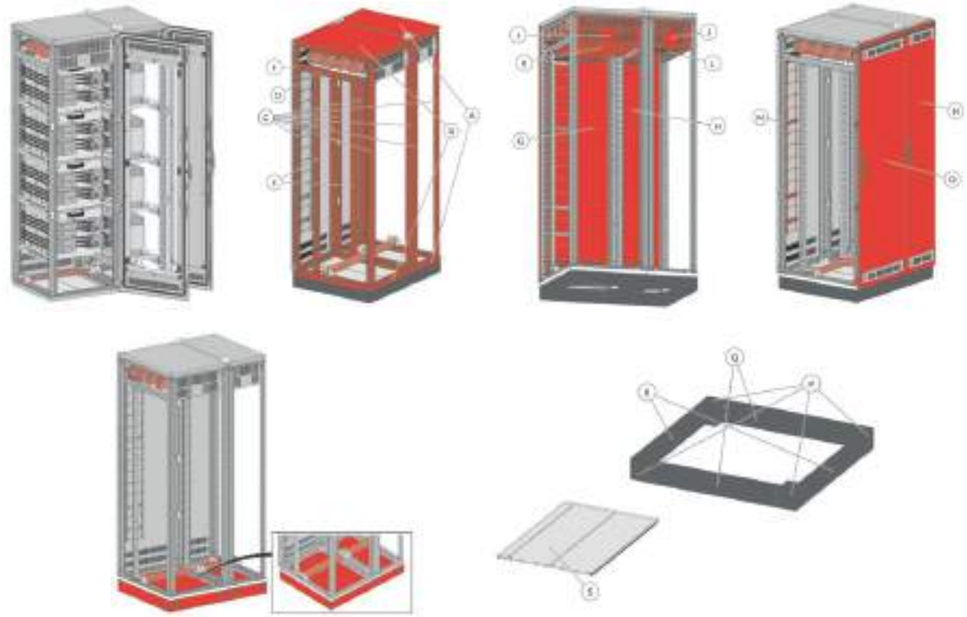
POWER FACTOR CORRECTION MODULE TYPE-1



	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Width(mm)	600			
	Depth(mm)	600	800		
A	Top-Bottom Group	1001.662	1001.682	1	1
B	Vertical Frame	702.200	702.200	1	1
C	Scissile Rail H1800	-	944.529	2	2
D	Scissile Rail Depth	944.524	944.525	2	2
E	Fixing Bracket(12 pcs.)	944.421	944.421	12	4(For 600D) 8(For 800D)
F	Rear Panel	1003.620	1003.620	1	1
G	Busbar Separation Cover	1013.060	1013.060	1	1
H	Separation Plate	1070.0004	1070.0004	1	1
I	Wireway	1070.0005	1070.0005	1	1
J	Front Door	1002.620	1002.620	1	1
K	Plinth Corner H100	708.100	708.100	4	4
K1	Plinth Corner H200	708.200	708.200	4	4
L	Plinth Front Cover H100	709.160	709.160	2	2
M	Plinth Side Cover H100	710.160	710.180	2	2
N	Blank Gland Plates	1005.166	1005.168	1	1

A2.12 PFC (COMPENSATION) MODULE/CASSETTES

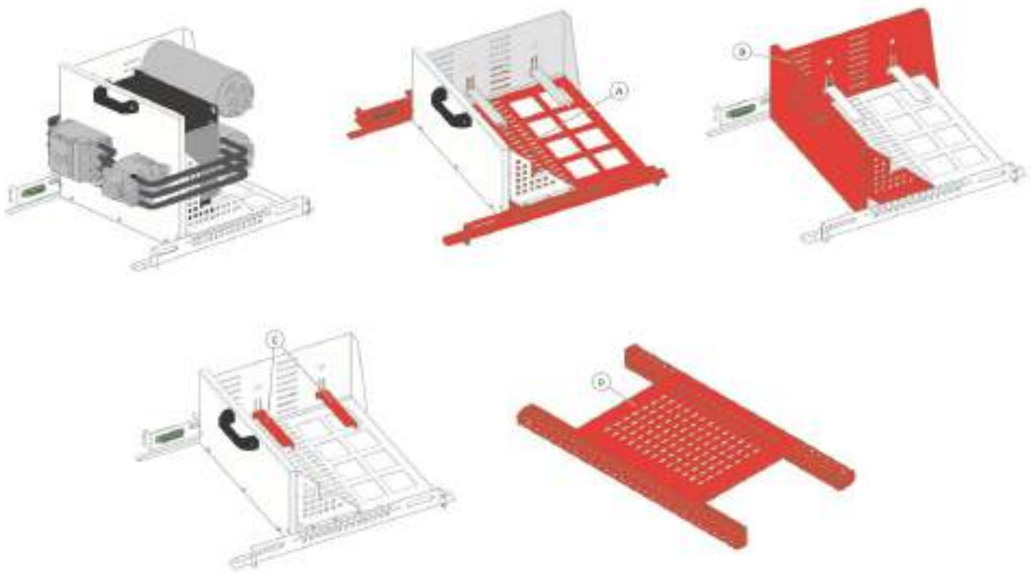
POWER FACTOR CORRECTION MODULE TYPE-2



	MODULE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000					
	Width(mm)	400		600			
	Depth(mm)	600	800	600	800		
A	Top-Bottom Group	1001.462	1001.482	-	-	1	1
B	Top-Bottom Group	-	-	1001.662	1001.682	1	1
C	Vertical Frame	702.200	702.200	702.200	702.200	1	2
D	Scissile Rail Depth	944.524	944.525	944.524	944.525	2	4
E	Scissile Rail H1800	-	944.529	-	944.529	2	2
F	Fixing Bracket(12 pcs.)	944.421	944.421	944.421	944.421	12	12
G	Rear Panel	-	-	1003.620	1003.620	1	1
H	Rear Panel	1003.420	1003.420	-	-	1	1
I	Busbar Separation Cover	1013.060	1013.060	-	-	1	1
J	Busbar Separation Cover	-	-	1013.040	1013.040	1	1
K	Separation Plate	-	-	1070.0004	1070.0004	1	1
L	Busbar Separation Shelf	1008.140	1008.140	-	-	1	1
M	Wireway	1070.0005	1070.0005	1070.0005	1070.0005	1	1
N	Front Door	1002.420	1002.420	-	-	1	1
O	Front Door	-	-	1002.620	1002.620	1	1
P	Plinth Corner H100	708.100	708.100	708.100	708.100	4	8
P1	Plinth Corner H200	708.200	708.200	708.200	708.200	4	8
Q	Plinth Front Cover H100	709.140	709.140	709.160	709.160	2	4
R	Plinth Side Cover H100	710.160	710.180	710.160	710.180	2	4
S	Blank Gland Plates	1005.146	1005.148	1005.166	1005.168	1	2

A2.12 PFC (COMPENSATION) MODULE/CASSETTES

DRAWER CASSETTE

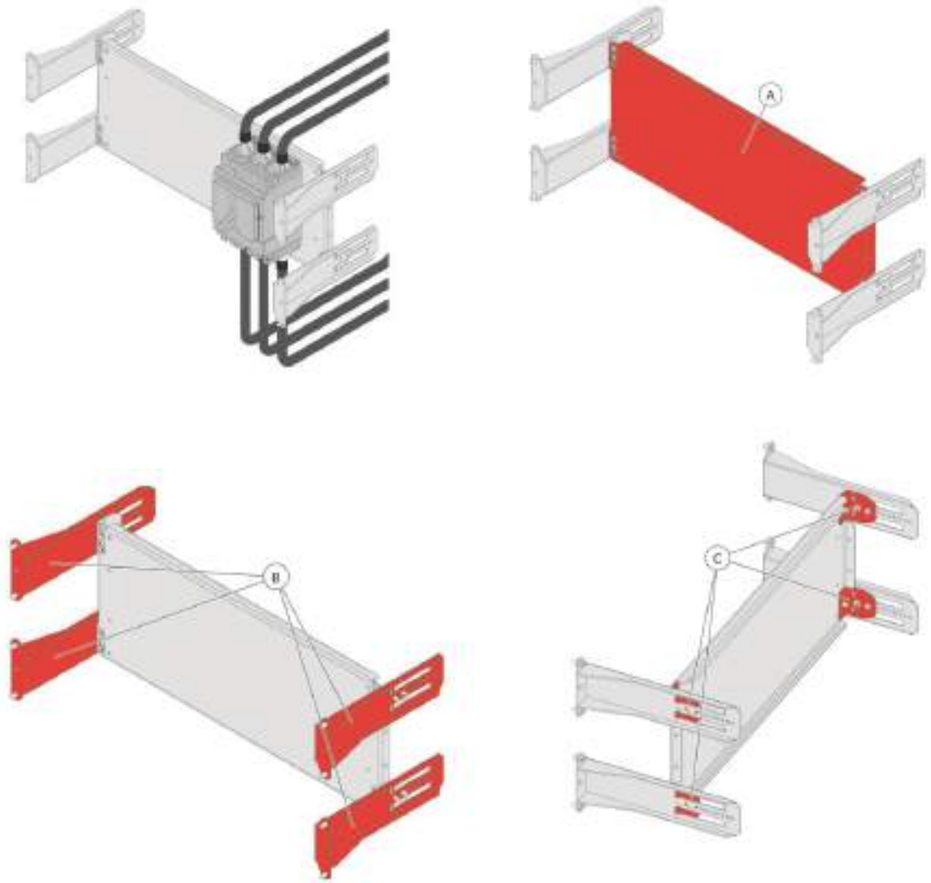


	CASSETTE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Width(mm)	600					
	Height(mm)	225		375			
	Depth(mm)	600	800	600	800		
A	PFC Drawer Base	1070.0001	1070.0001	1070.0001	1070.0001	1	1
B	PFC Mounting Plate	1070.0225	1070.0225	1070.375	1070.375	1	2
C	PFC Capacitor Support	1070.0002	1070.0002	1070.0002	1070.0002	1	1
D	PFC Detuned Filter Holder	1070.0003	1070.0003	1070.0003	1070.0003	1	1
D	Scissile Rail Depth	944.424	944.425	944.424	944.425	2	2
D	Fixing Bracket	944.421	944.421	944.421	944.421	12	4
*Part D only used when Type-2 panel is selected.							

- Up to 2 capacitors can be installed in the 225H Drawer. 225H Drawer supports up to 1 step.
- Up to 4 capacitors can be installed in the 375H Drawer. 375H Drawer supports up to 2 steps.

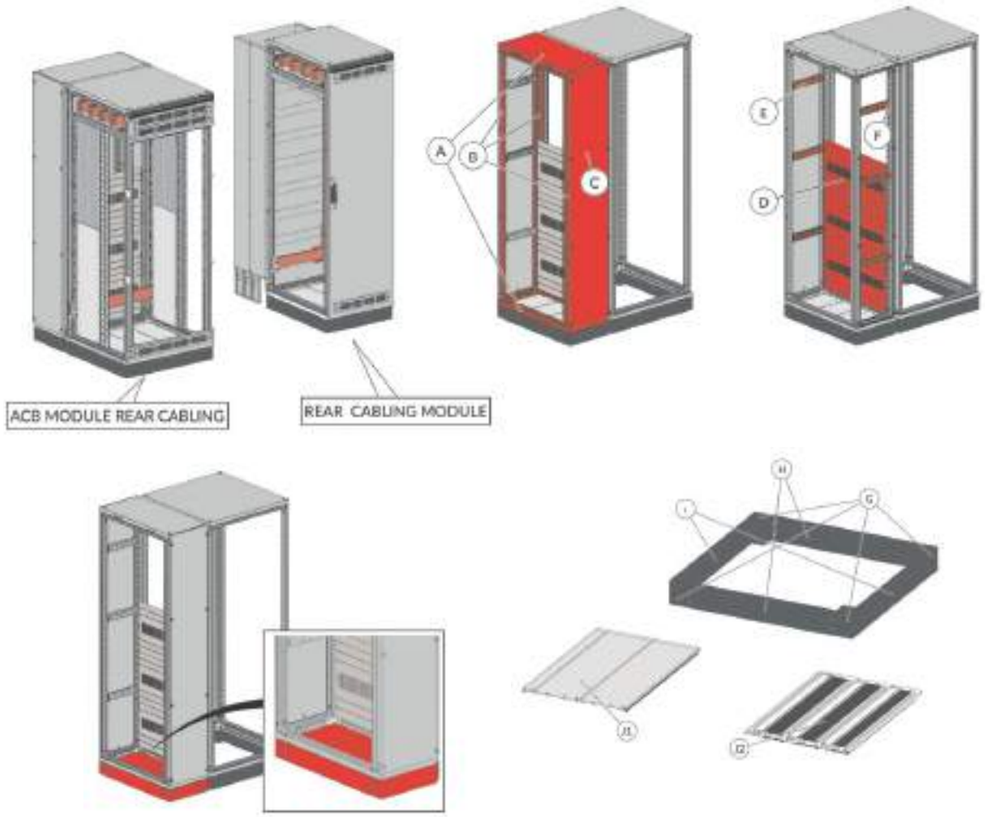
A2.12 PFC (COMPENSATION) MODULE/CASSETTES

CONTROL PANEL CASSETTE



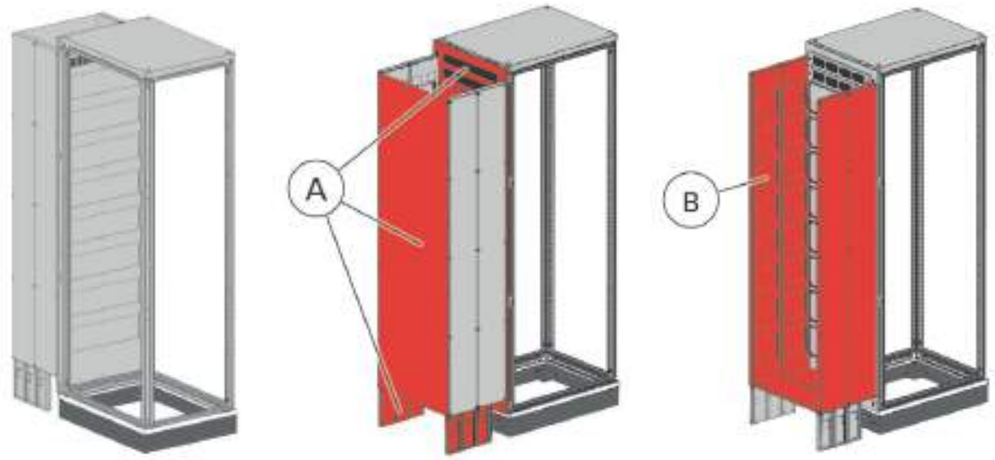
	CASSETTE SIZE				PACKAGE QTY.	REQUIRED QTY.
	Width(mm)	600				
	Height(mm)	200	250	300		
A	Mounting Plate(For Control Panel)	1038.620	1038.625	1038.630	1	1
B	Kit Bracket	944.436	944.436	944.436	2	4
C	Fixing Bracket	944.421	944.421	944.421	12	4

ACB MODULE REAR CABLING & REAR CABLING MODULE



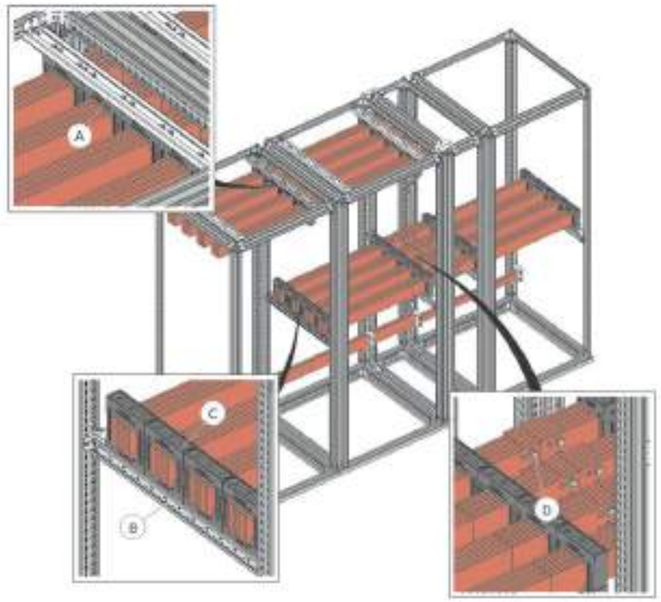
	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Depth(mm)	400			
	Width(mm)	600	800		
A	Top-Bottom Group	1001.642	1001.842	1	1
B	Vertical Frame	702.200	702.200	1	1
C	Side Panel	706.204	706.204	2	2
D	ACB Cabling Separation Cover	1055.060	1055.080	1	1
E	Scissile Rails(For Cabling Bars)	944.422	944.422	2	6
F	Bracket	944.421	944.421	12	12
G	Plinth Corner H100	708.100	708.100	4	4
G1	Plinth Corner H200	708.200	708.200	4	4
H	Plinth Front Cover H100	709160	709180	2	2
I	Plinth Side Cover H100	710.140	710.140	2	2
J1	Blank Gland Plates	1005.164	1005.184	1	1
J2	Foam Rubber Gland Plate	1005.464	1005.484	1	1

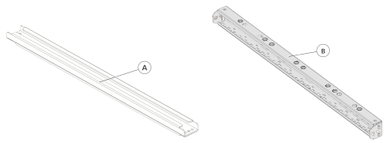
ACB MODULE REAR CABLING & REAR CABLING MODULE



	MODULE SIZE			PACKAGE QTY.	REQUIRED QTY.
	Height(mm)	2000			
	Width(mm)	400	600		
A	Rear Panel (Rear Cabling)	1003.421	1003.621	1	1
B	Rear Panel (Rear Cabling)	1028.100	1028.100	1	1
A Package includes 1 pcs Ventilated Rear Panel(Rear Cabling), 1 pc. Rear Cover, 8 pcs. Cable Plate, 6 pcs. Bottom Supporter, Assembly Parts.					
B Package icludes 4 pcs. Side Cover, 4 pcs. Cable Management Frame, Assembly Parts.					

MAIN BUSBARS



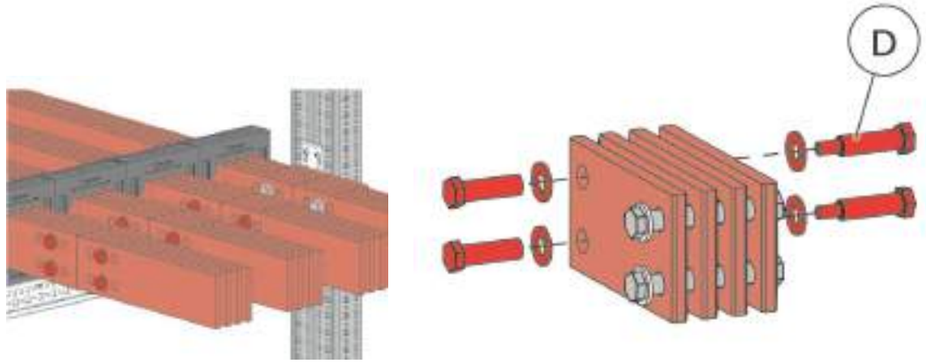


	A	B		
	Busbar Rail Kit(Top)	Busbar Rail Kit(Mid)		
Depth(mm)	Ref No	Ref No	Package Qty.	Required Qty.
600	1010.160	1010.260	2	2
800	1010.180	1010.280	2	2

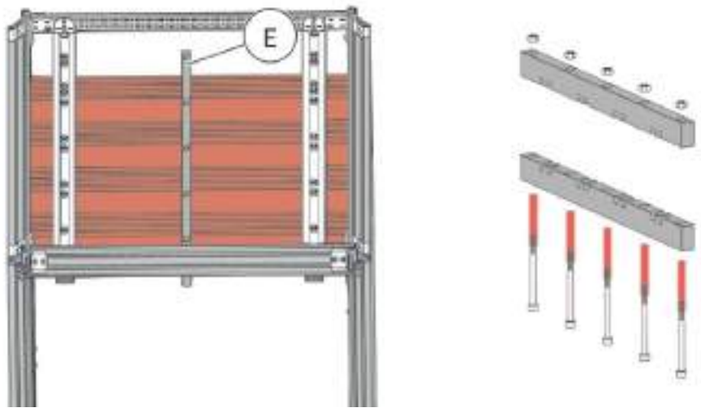
C1		
Main Holder(L1,L2,L3,N)		
Busbar	Ref No	Package Qty.
2x10 Flat Bar	1009.012	6
4x10 Flat Bar	1009.011	6

C2		
Holder Heights		
Busbar Size	Ref No	Package Qty.
40x5/40x10	1011.104	6
50x5/50x10	1011.105	6
60x5/60x10	1011.106	6
80x5/80x10	1011.108	6

MAIN BUSBARS

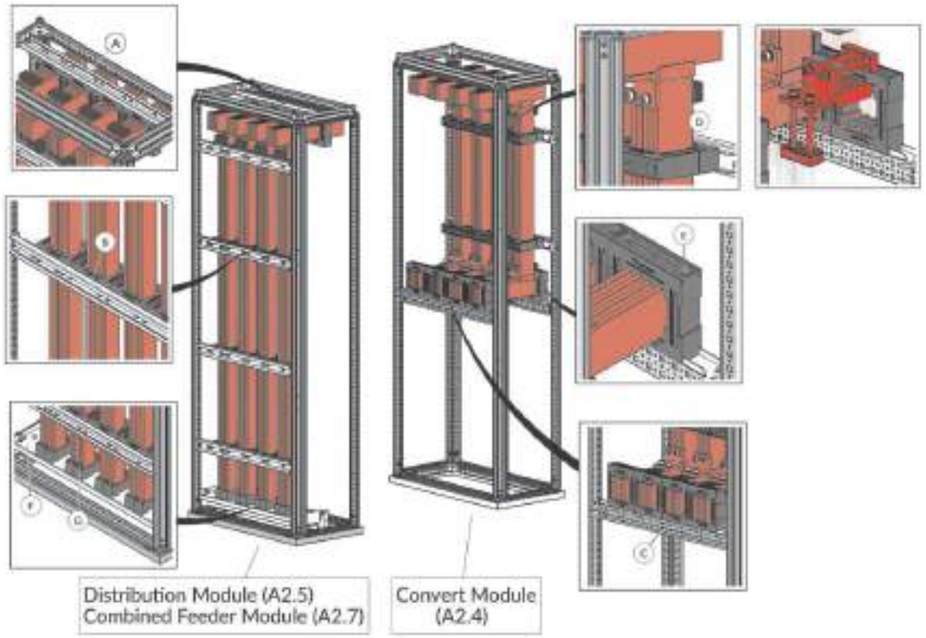


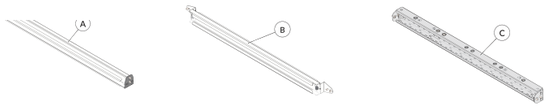
D		
Busbar Baying Kit		
Busbar	Ref No	Package Qty.
2 Flat Bar	1036.040	2
4 Flat Bar	1036.080	2



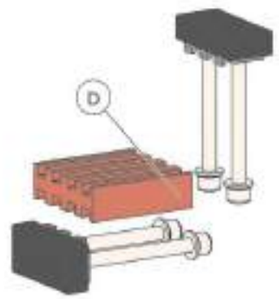
E			
Busbar Support Insulator			
Busbar Size		Ref No	Package Qty.
2 Flat Bar	40x10	1044.2046	2
2 Flat Bar	50x10	1044.2056	2
2 Flat Bar	60x10	1044.2066	2
2 Flat Bar	80x10	1044.2086	2
4 Flat Bar	40x10	1044.4046	2
4 Flat Bar	50x10	1044.4056	2
4 Flat Bar	60x10	1044.4066	2
4 Flat Bar	80x10	1044.4086	2

CONVERT & DISTRIBUTION MODULE BUSBARS



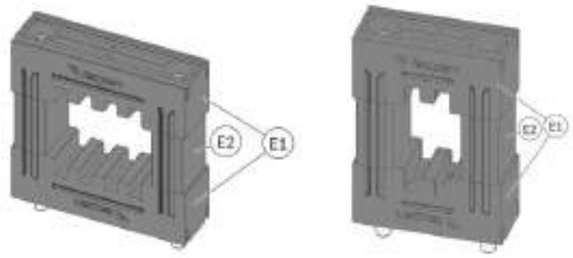


	A	B	C	Package Qty.
	Busbar Rail Kit(Top)	Busbar Rail Kit(Vertical)	Busbar Rail Kit(Mid)	
Depth(mm)	Ref No	Ref No	Ref No	
600	1010.160	1010.360	1010.260	2
800	1010.180	1010.380(4 Flat Bar) 1010.480(2 Flat Bar)	1010.280	2



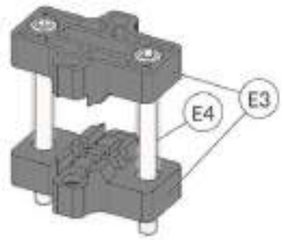
D		Vertical Busbar 90 Connections								Package Qty.
		Main Busbar								
		80/10x4	60/10x4	50/10x4	40/10x4	80/10x2	60/10x2	50/10x2	40/10x2	
Vertical Busbar	80/10x4	1021.4040	-	-	-	-	-	-	-	1
	60/10x4	1021.4034	1021.3434	-	-	-	-	-	-	1
	50/10x4	1021.4030	1021.3430	1021.3030	-	-	-	-	-	1
	40/10x4	1021.4025	1021.3425	1021.3025	1021.2525	-	-	-	-	1
	80/10x2	1021.4023	1021.3423	1021.3023	1021.2523	1021.2323	-	-	-	1
	60/10x2	1021.4018	1021.3418	1021.3018	1021.2518	1021.2318	1021.1818	-	-	1
	50/10x2	1021.4016	1021.3416	1021.3016	1021.2516	1021.2316	1021.1816	1021.1616	-	1
	40/10x2	1021.4013	1021.3413	1021.3013	1021.2513	1021.2313	1021.1813	1021.1613	1021.1313	1
	60/5x2	1021.4012	1021.3412	1021.3012	1021.2512	1021.2312	1021.1812	1021.1612	1021.1312	1
	50/5x2	1021.4011	1021.3411	1021.3011	1021.2511	1021.2311	1021.1811	1021.1611	1021.1311	1
	40/5x2	1021.4009	1021.3409	1021.3009	1021.2509	1021.2309	1021.1809	1021.1609	1021.1309	1
	30/5x2	1021.4007	1021.3407	1021.3007	1021.2507	1021.2307	1021.1807	1021.1607	1021.1307	1
	20/5x2	1021.4005	1021.3405	1021.3005	1021.2505	1021.2305	1021.1805	1021.1605	1021.1305	1

CONVERT & DISTRIBUTION MODULE BUSBARS



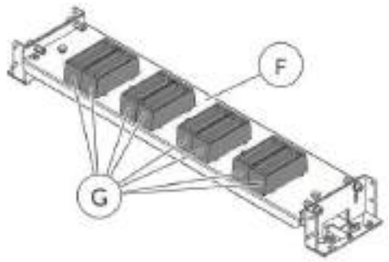
E1		
Main Holder(L1,L2,L3,N)		
	Ref No	Package Qty.
2 Flat Bar	1009.012	6
4 Flat Bar	1009.011	6

E2		
Holder Heights		
Busbar Size	Ref No	Package Qty.
40x5/40x10	1011.104	6
50x5/50x10	1011.105	6
60x5/60x10	1011.106	6
80x5/80x10	1011.108	6



	E3		
	Main Holder(L1,L2,L3,N)		
	Busbar Size	Ref No	Package Qty.
2 Flat Bar	60/5x2	1009.016	6
	50/5x2	1009.016	6
	40/5x2	1009.016	6
	30/5x2	1009.016	6
	20/5x2	1009.016	6

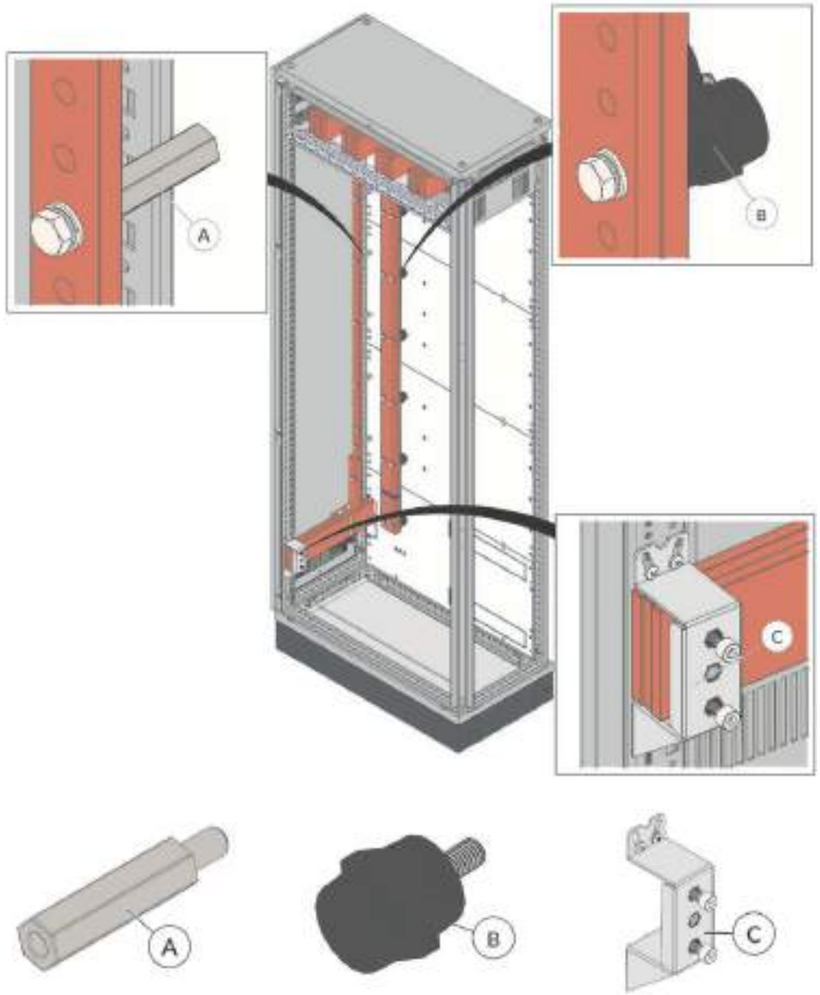
E4		
Holder Heights		
Busbar Size	Ref No	Package Qty.
60/5x2	1044.160	6
50/5x2	1044.150	6
40/5x2	1044.140	6
30/5x2	1044.130	6
20/5x2	1044.120	6



	F		
	Bottom Mounting Kit		
Depth(mm)	Ref No	Package Qty.	Required Qty.
600	1024.260	1	1
800	1024.280	1	1

G	
Vertical Busbar Bottom Holder	
Ref No	Package Qty.
1012.003	3
1012.004	4

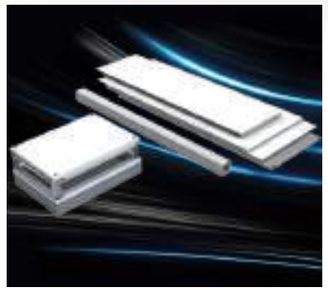
CABLING MODULE BUSBARS



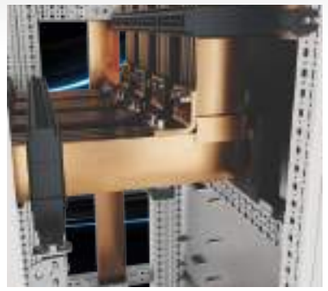
		Ref No	Package Qty.	Required Qty.
A	Eathing Bar Support	1026.005	12	6
B	Neutral/PEN Support	1040.831	6	*
C	Earthing Kit	1012.001	2	**

*	
Neutral/PEN Support	
Busbar Width (W)	Required Qty.
40	6
50	6
60	12
80	12

**	
Earthing Kit	
For All Modules	Required Qty.
	2



Flat-pack with specially designed body structure

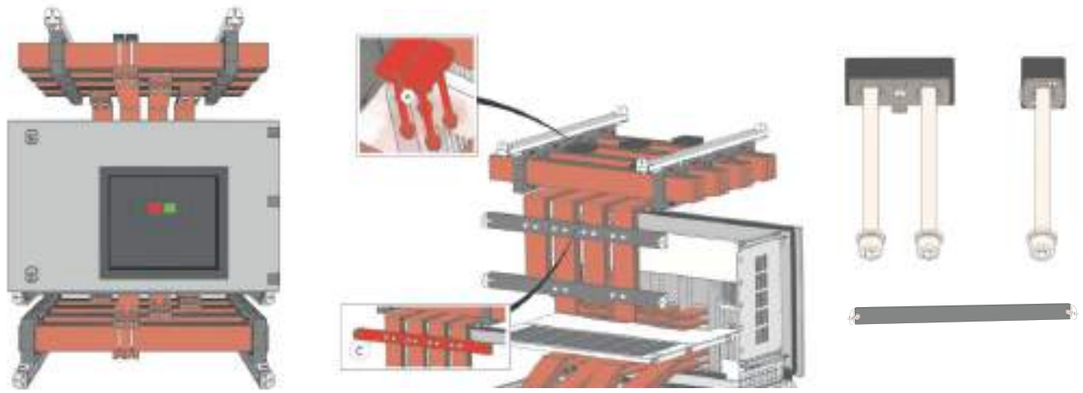


Non-perforated busbar assembly

Easy forming

ACB CONNECTION

ACB Connection (Horizontal) to Top Main Busbar



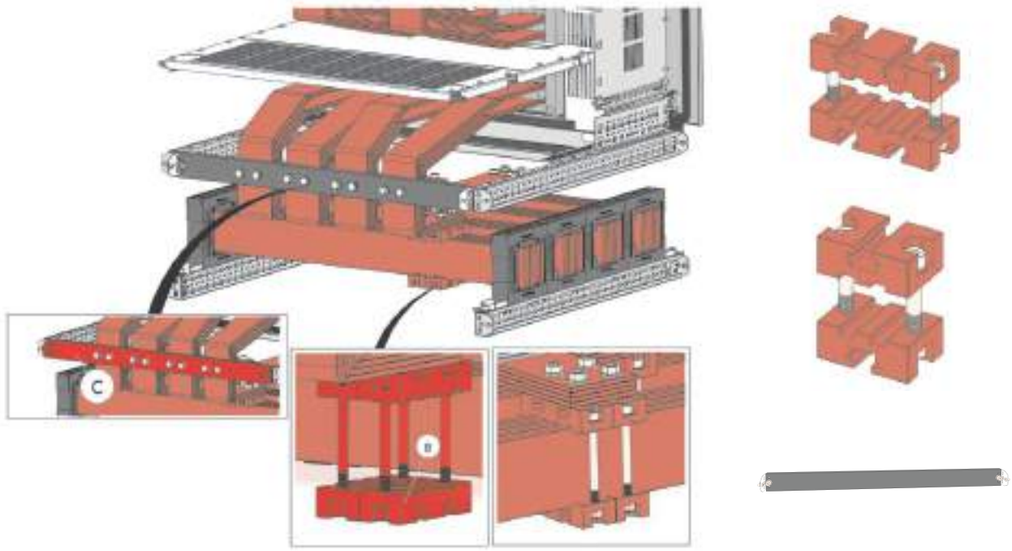
ACB-MCCB(VER) Current(A)	A										
	ACB Main Busbar Connection Kit for Top (L1,L2,L3,N(1/1))								Package Qty.	Required Qty.(3P)	Required Qty.(4P)
	Main Busbar Size										
	80/10x4	60/10x4	50/10x4	40/10x4	80/10x2	60/10x2	50/10x2	40/10x2			
4000	1047.4040	-	-	-	-	-	-	-	1 set	3	4
3200	1047.4032	1047.3432	-	-	-	-	-	-	1 set	3	4
2500	1047.4025	1047.3425	1047.3025	1047.2525	-	-	-	-	1 set	3	4
2000	1047.4020	1047.3420	1047.3020	1047.2520	1047.2320	-	-	-	1 set	3	4
1600	1047.4016	1047.3416	1047.3016	1047.2516	1047.2316	1047.1816	1047.1616	-	1 set	3	4
1250	1047.4012	1047.3412	1047.3012	1047.2512	1047.2312	1047.1812	1047.1612	1047.1312	1 set	3	4
1000	1047.4010	1047.3410	1047.3010	1047.2510	1047.2310	1047.1810	1047.1610	1047.1310	1 set	3	4
800	1047.4008	1047.3408	1047.3008	1047.2508	1047.2308	1047.1808	1047.1608	1047.1308	1 set	3	4

ACB-MCCB(VER) Current(A)	A									
	ACB Main Busbar Connection Kit for Top (N(1/2))								Package Qty.	Required Qty.
	Main Busbar Size									
	80/10x4	60/10x4	50/10x4	40/10x4	80/10x2	60/10x2	50/10x2	40/10x2		
4000	1048.4040	-	-	-	-	-	-	-	1 set	1
3200	1048.4032	1048.3432	-	-	-	-	-	-	1 set	1
2500	1048.4025	1048.3425	1048.3025	1048.2525	-	-	-	-	1 set	1
2000	1048.4020	1048.3420	1048.3020	1048.2520	1048.2320	-	-	-	1 set	1
1600	1048.4016	1048.3416	1048.3016	1048.2516	1048.2316	1048.1816	1048.1616	-	1 set	1
1250	1048.4012	1048.3412	1048.3012	1048.2512	1048.2312	1048.1812	1048.1612	1048.1312	1 set	1
1000	1048.4010	1048.3410	1048.3010	1048.2510	1048.2310	1048.1810	1048.1610	1048.1310	1 set	1
800	1048.4008	1048.3408	1048.3008	1048.2508	1048.2308	1048.1808	1048.1608	1048.1308	1 set	1

C		
	ACB-MCCB(VER) Bar Support Rail (Composite)	Package Qty.
Width	Ref No	
600	1031.0600	1
800	1031.0800	1

ACB CONNECTION

ACB Connection (Horizontal) to Mid Main Busbar

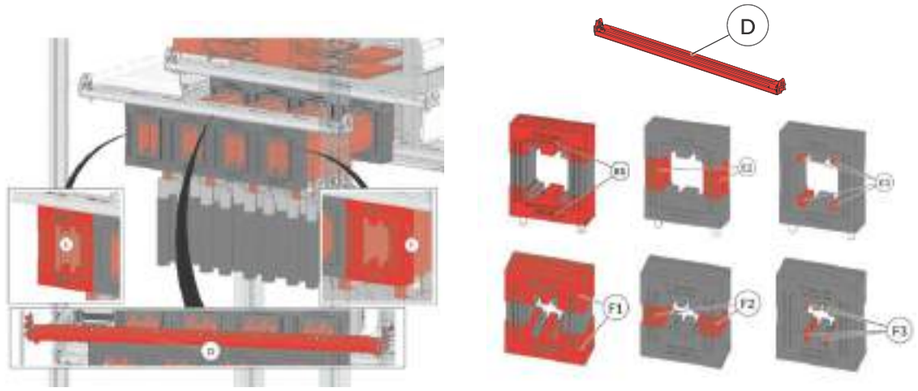


ACB MCCB(VER) Current(A)	B										
	ACB Main Busbar Connection Kit for Mid								Package Qty.	Required Qty.(3P)	Required Qty.(4P)
	Main Busbar Size										
	80/10x4	60/10x4	50/10x4	40/10x4	80/10x2	60/10x2	50/10x2	40/10x2			
4000	1043.4080	-	-	-	-	-	-	-	1 set	6	8
3200	1043.4080	1043.4060	-	-	-	-	-	-	1 set	6	8
2500	1043.4080	1043.4060	1043.4050	1043.4040	-	-	-	-	1 set	6	8
2000	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	-	-	-	1 set	6	8
1600	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	1043.2060	1043.2050	-	1 set	6	8
1250	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	1043.2060	1043.2050	1043.2040	1 set	6	8
1000	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	1043.2060	1043.2050	1043.2040	1 set	6	8
800	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	1043.2060	1043.2050	1043.2040	1 set	6	8
630	1043.4080	1043.4060	1043.4050	1043.4040	1043.2080	1043.2060	1043.2050	1043.2040	1 set	6	8

C		
	ACB MCCB(VER) Bar Support Rail (Composite)	Package Qty.
Width	Ref No	
600	1031.0600	1
800	1031.0800	1

ACB CONNECTION

ACB Connection (Vertical) to Terminal Busbar



	4 Pole ACB (L1+L2+L3+N)					
	F1		F2		F3	
	Ref No.	Required Qty	Ref No.	Required Qty	Ref No.	Required Qty
2X80/5	1009.002	16	1011.008	16	1019.001	32
	1009.002=2 pcs.		1011.008=2 pcs.		1019.001=4 pcs.	

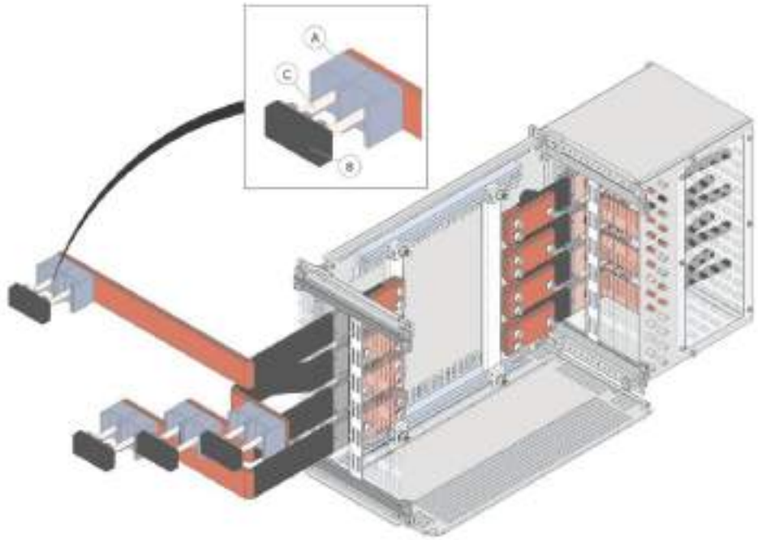
	E1		E2		E3	
	Ref No.	Required Qty	Ref No.	Required Qty	Ref No.	Required Qty
2x80/10	1009.003	16	1011.008	16	1019.002	32
3x80/10	1009.003	16	1011.008	16	1019.002	16
3x100/10	1009.003	16	1011.010	16	1019.002	16
4x100/10	1009.003	16	1011.010	16	-	-
	1009.003=2 pcs.		1011.008=2 pcs. 1011.010=2 pcs.		1019.002=4 pcs.	

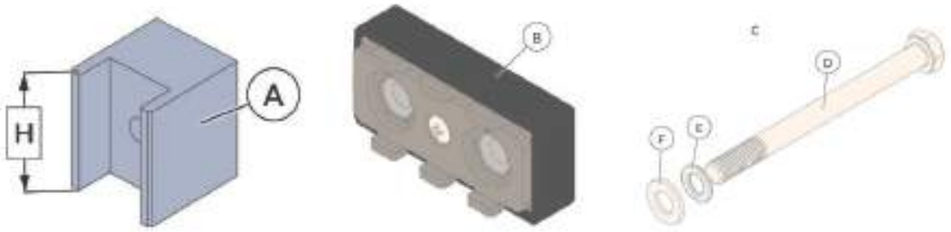
	3 Pole ACB (L1+L2+L3)+N									
	L1+L2+L3						Neutral			
	E1		E2		E3		F1		F2	
	Ref No.	Required Qty	Ref No.	Required Qty	Ref No.	Required Qty	Ref No.	Required Qty	Ref No.	Required Qty
2x80/10	1009.003	12	1011.008	12	1019.002	24	1009.002	4	1011.008	4
3x80/10	1009.003	12	1011.008	12	1019.002	12	1009.002	4	1011.008	4
3x100/10	1009.003	12	1011.010	12	1019.002	12	1009.002	4	1011.010	4
4x100/10	1009.003	12	1011.010	12	-	-	1009.002	4	1011.010	4
	1009.003=2 pcs.		1011.008=2 pcs. 1011.010=2 pcs.		1019.002=4 pcs.		1009.002=2 pcs.		1011.008=2 pcs. 1011.010=2 pcs.	

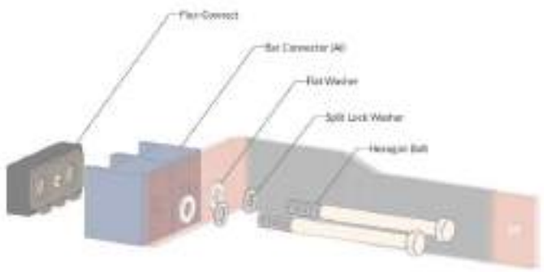
D			
ACB CABLING RAIL KIT			
Width(W)	Ref. No.	Package Qty.	Required Qty.
600	1031.620	2 pcs.	2
800	1031.820	2 pcs.	2

In fulfilling the needs of customers, while partners are using the product and seeking solution; TEKPAN is always there for its partners without any charges. Continuous support service with solution offers from PDS technical support center for the questions of partners via telephone, e-mail and remote connection.

MCCB CONNECTION

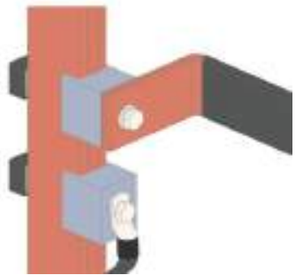


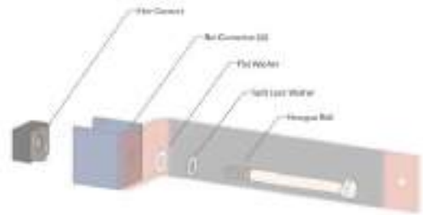




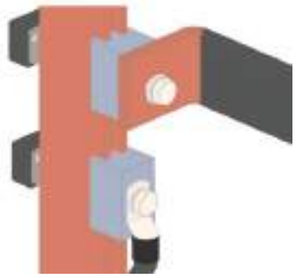
		A				B	D		E	F
		Bar Connection				Flex-Connect	Hexogan Head Bolt		Split Lock Washer	Flat Washer
		20H	30H	40H	50H		50/10x2 40/10x2	50/10x1, 40/10x1, 50/5x2, 40/5x2, 30/5x2, 20/5x2, 50/5x1, 40/5x1, 30/5x1, 20/5x1		
Distribution Bar Size	80/10x4	1051.020	1051.030	1051.040	1051.050	1035.001	1054.150	1054.140	1035.211	1035.201
	60/10x4	1051.020	1051.030	1051.040	1051.050	1035.001	1054.130	1054.120	1035.211	1035.201
	50/10x4	1051.020	1051.030	1051.040	1051.050	1035.001	1054.120	1054.110	1035.211	1035.201
	40/10x4	1051.020	1051.030	1051.040	1051.050	1035.001	1054.110	1054.100	1035.211	1035.201
Package Qty.		1	1	1	1	20	20		20	20

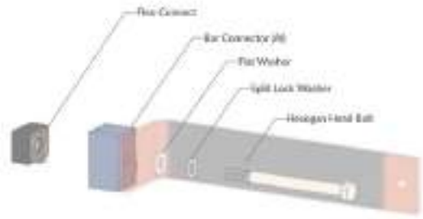
MCCB CONNECTION





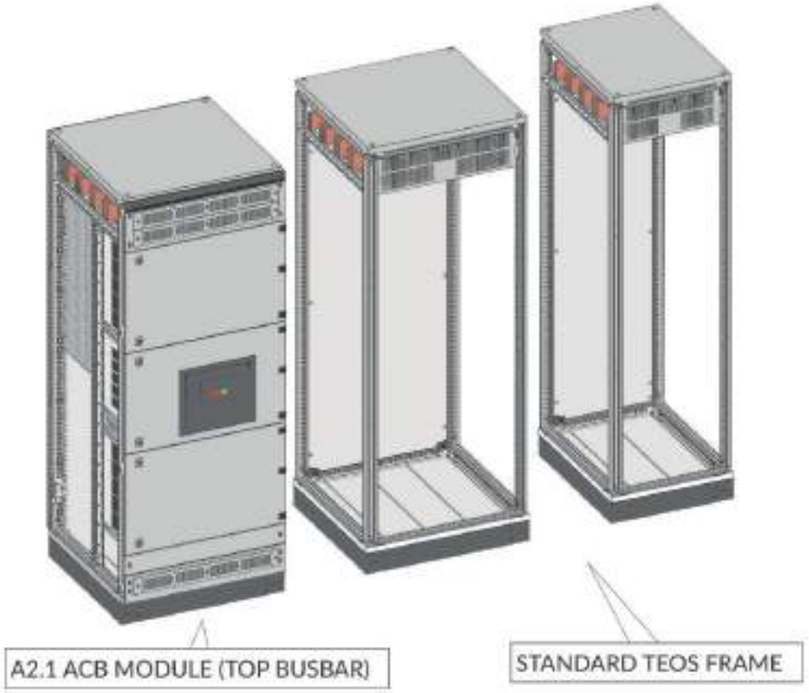
		A				B	D		E	F
		Bar Connection				Flex-Connect	Hexogan Head Bolt		Split Lock Washer	Flat Washer
		20H	30H	40H	50H		50/10x2 40/10x2	50/10x1, 40/10x1, 50/5x2, 40/5x2, 30/5x2, 20/5x2, 50/5x1, 40/5x1, 30/5x1, 20/5x1		
Distribution Bar Size	80/10x2	1051.020	1051.030	1051.040	1051.050	1035.011	1053.150	1053.140	1035.111	1035.101
	60/10x2	1051.020	1051.030	1051.040	1051.050	1035.011	1053.130	1053.120	1035.111	1035.101
	50/10x2	1051.020	1051.030	1051.040	1051.050	1035.011	1053.120	1053.110	1035.111	1035.101
	40/10x2	1051.020	1051.030	1051.040	1051.050	1035.011	1053.110	1053.100	1035.111	1035.101
Package Qty.		1	1	1	1	40	20		20	20

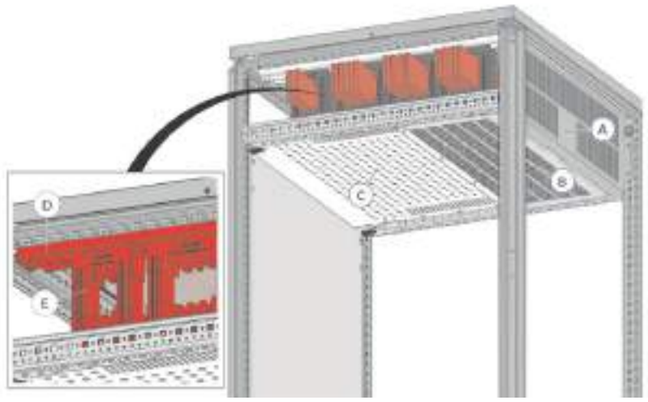




		A				B	D			E	F
		Bar Connection				Flex-Connect	Hexogan Head Bolt			Split Lock Washer	Flat Washer
		20H	30H	40H	50H		50/10x2 40/10x2	50/10x1, 40/10x1, 50/5x2, 40/5x2, 30/5x2, 20/5x2, 50/5x1, 40/5x1, 30/5x1, 20/5x1	50/5x1, 40/5x1 30/5x1, 20/5x1		
Distribution Bar Size	60/5x2	1051.120	1051.130	1051.140	1051.150	1035.011	1053.120	1053.110	1053.105	1035.111	1035.101
	50/5x2	1051.120	1051.130	1051.140	1051.150	1035.011	1053.110	1053.100	1053.095	1035.111	1035.101
	40/5x2	1051.120	1051.130	1051.140	1051.150	1035.011	1053.100	1053.090	1053.085	1035.111	1035.101
	30/5x2	1051.120	1051.130	1051.140	1051.150	1035.011	1053.090	1053.080	1053.075	1035.111	1035.101
	20/5x2	1051.120	1051.130	1051.140	1051.150	1035.011	1053.080	1053.070	1053.065	1035.111	1035.101
Package Qty.		1	1	1	1	40	20			20	20

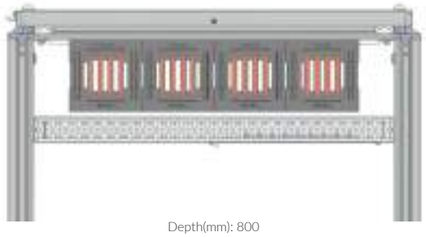
POWER DISTRIBUTION WITH MOUNTING PLATE UP TO FORM 2B



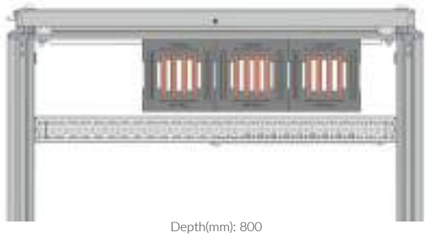


SEPARATION PARTS (REQUIRED FOR FROM 2B)		A		B		C	
		Busbar Separation Cover		Busbar Separation Shelf		Mounting Plated Enclosure Busbar Seperation Cover	
		Depth(mm)					
		600	800	600	800	600	800
Width(mm)	400	1013.040	1013.040	1008.140	1008.140	1027.146	1027.148
	600	1013.060	1013.060	1008.160	1008.160	1027.166	1027.168
	800	1013.080	1013.080	1008.180	1008.180	1027.186	1027.188
	1000	1013.100	1013.100	1008.100	1008.100	1027.106	1027.108
	1200	1013.120	1013.120	1008.120	1008.120	1027.126	1027.128

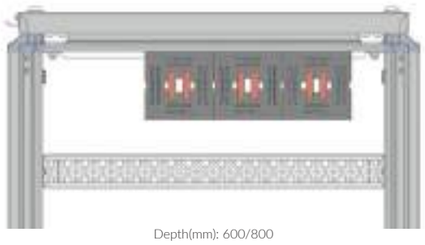
POWER DISTRIBUTION WITH MOUNTING PLATE UP TO FORM 2B



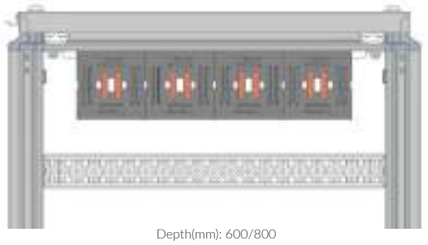
Depth(mm): 800



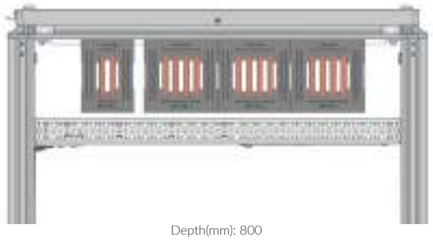
Depth(mm): 800



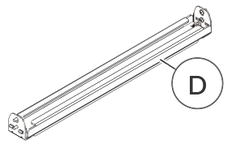
Depth(mm): 600/800

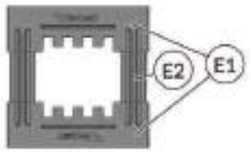


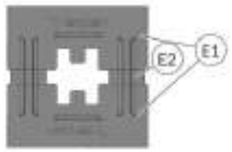
Depth(mm): 600/800



Depth(mm): 800





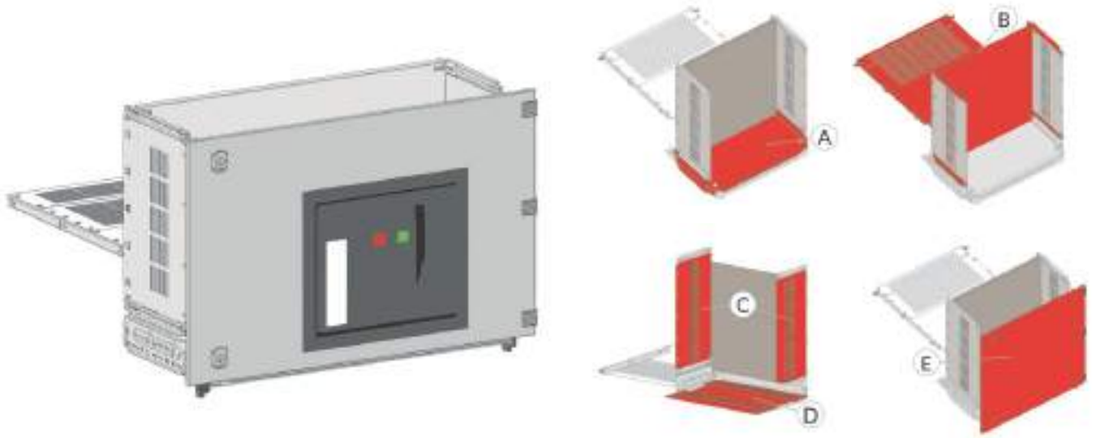


D			
Busbar Rail Kit(Top)			
Depth(mm)	Ref No	Package Qty.	Required Qty.
600	1010.160	2	2
800	1010.180(4 Flat Bar) 1010.182(2 Flat Bar)	2	2

E1		
Main Holder(L1,L2,L3,N)		
	Ref No	Package Qty.
2x10 Flat Bar	1009.012	6
4x10 Flat Bar	1009.011	6

E2		
Holder Heights		
Busbar Size	Ref No	Package Qty.
40x5/40x10	1011.104	6
50x5/50x10	1011.105	6
60x5/60x10	1011.106	6
80x5/80x10	1011.108	6

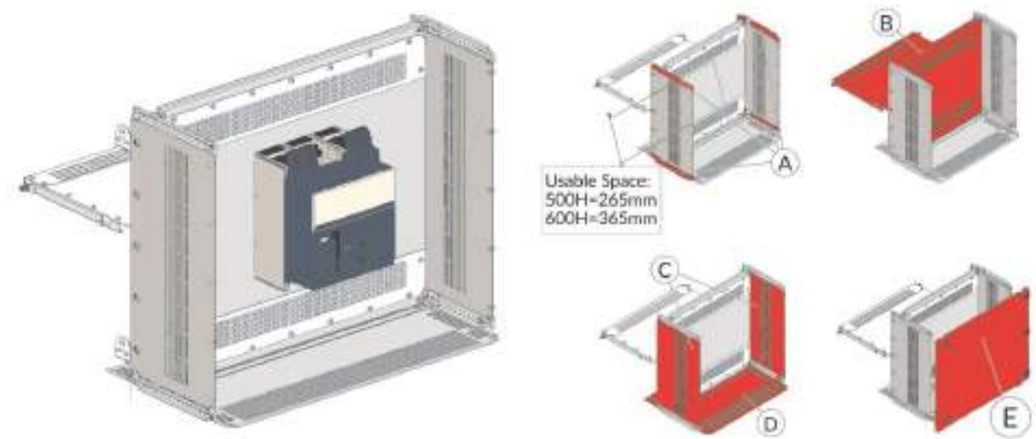
A3.1 ACB/MCCB(VER) CASSETTE



	CASSETTE SIZE							PACKAGE QTY.	REQUIRED QTY.
	Width(mm)	600			800				
	Height(mm)	400	500	600	400	500	600		
A	ACB Assembly Kit	1029.0060	1029.0060	1029.0060	1029.0080	1029.0080	1029.0080	1	1
B	Separation Kit	1034.640	1034.650	1034.660	1034.840	1034.850	1034.860	1	1
C	ACB Side Separation Cover	1033.325	1033.425	1033.525	1033.325	1033.425	1033.525	1	2
D	Bottom Separation Cover	1032.065	1032.065	1032.065	1032.085	1032.085	1032.085	1	1
E	External Partial Door	853.640	853.650	853.660	853.840	853.850	853.860	1	1

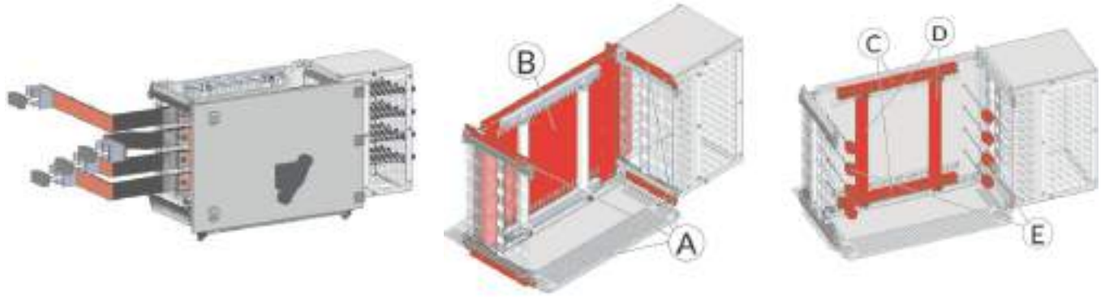
CASETTE SIZING						
BRAND	MODEL	TYPE	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
ABB	E1.2/E2.2	F/D	630-2500	3/4	600/800	500/600
ABB	E1.2/E2.2/E4.2	F	630-4000	3/4	800	500/600
ABB	E4.2	D	800-4000	3/4	800	600
EATON	IZMX16	F	630-1600	3/4	600/800	400/500/600
EATON	IZMX16	D	630-1600	3/4	600/800	500/600
EATON	IZMX40	F	800-4000	3/4	800	500/600
EATON	IZMX40	F/D	630-4000	3/4	800	600
LEGRAND	DMX3 2500	F	800-2500	3/4	600/800	500/600
LEGRAND	DMX3 2500	D	800-2500	3/4	600/800	600
LEGRAND	DMX3 2500/4000	F	800-4000	3/4	800	500/600
LEGRAND	DMX3 2500/4000	D	800-4000	3/4	800	600
LS	AS	F	630-1600	3/4	600/800	400
LS	AS	D	630-1600	3/4	600/800	500/600
LS	AS/AH-E	F	800-4000	3/4	800	500/600
LS	AS/AH-E	D	630-4000	3/4	800	600
MITSUBISHI	AE-SW V1	F/D	630-2000	3/4	600/800	600
MITSUBISHI	AE-SW V1/AE-SW V2	F/D	630-4000	3/4	800	600
SCHNEIDER	MTZ1	F/D	630-1600	3/4	600/800	500
SCHNEIDER	MTZ1/MTZ2	F/D	630-4000	3/4	800	500/600
SIEMENS	3WA11	F/D	630-2500	3/4	600/800	600
SIEMENS	3WA11/3WA12	F/D	630-4000	3/4	800	600

A3.1 ACB/MCCB(VER) CASSETTE



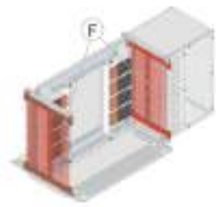
	CASSETTE SIZE					PACKAGE QTY.	REQUIRED QTY.
	Width(mm)	600		800			
	Height(mm)	500	600	500	600		
A	System-2 Rail Kit	1037.001	1037.001	1037.001	1037.001	4	4
B	Vertical Mounting Plate	1045.1650	1045.1660	1045.1850	1045.1860	1	1
C	Side Separation Cover	1033.425	1033.525	1033.425	1033.525	1	2
D	Bottom Separation Cover	1032.060	1032.060	1032.080	1032.080	1	1
E	External Partial Door	853.650	853.660	853.850	853.860	1	1

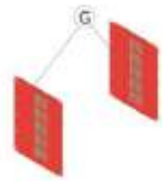
A3.2 MCCB(EASY-FIX) CASSETTE



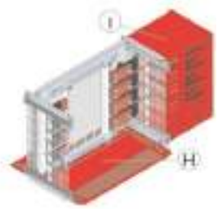
CASSETTE SIZE	Width(mm)	Height(mm)	A System-2 Rail Kit	B Easy-Fix Mounting Plate	C Easy-Fix Mounting Profile	D Easy-Fix Mounting Rail Kit	E Easy-Fix Barrel Insulator
	400	200	1037.001	1045.420	1039.200	1039.020	1040.001(For 3P) 1040.002(For 4P)
		250	1037.001	1045.425	1039.300	1039.025	1040.001(For 3P) 1040.002(For 4P)
		300	1037.001	1045.430	1039.300	1039.030	1040.001(For 3P) 1040.002(For 4P)
		350	1037.001	1045.435	1039.300	1039.035	1040.001(For 3P) 1040.002(For 4P)
		400	1037.001	1045.440	1039.300	1039.040	1040.001(For 3P) 1040.002(For 4P)
	600	200	1037.001	1045.620	1039.200	1039.020	1040.001(For 3P) 1040.002(For 4P)
		250	1037.001	1045.625	1039.300	1039.025	1040.001(For 3P) 1040.002(For 4P)
		300	1037.001	1045.630	1039.300	1039.030	1040.001(For 3P) 1040.002(For 4P)
		350	1037.001	1045.635	1039.300	1039.035	1040.001(For 3P) 1040.002(For 4P)
		400	1037.001	1045.640	1039.300	1039.040	1040.001(For 3P) 1040.002(For 4P)
	800	200	1037.001	1045.820	1039.200	1039.020	1040.001(For 3P) 1040.002(For 4P)
		250	1037.001	1045.825	1039.300	1039.025	1040.001(For 3P) 1040.002(For 4P)
		300	1037.001	1045.830	1039.300	1039.030	1040.001(For 3P) 1040.002(For 4P)
		350	1037.001	1045.835	1039.300	1039.035	1040.001(For 3P) 1040.002(For 4P)
		400	1037.001	1045.840	1039.300	1039.040	1040.001(For 3P) 1040.002(For 4P)
	Package QTY.		4	1	1	1	1
	Required QTY.		4	1	1	1	1

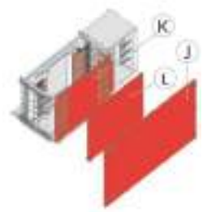
A3.2 MCCB(EASY-FIX) CASSETTE





CASSETTE SIZE	Width(mm)	Height(mm)	F Modular Side Separation Cover	G Side Separation Cover(Metal)	H MCCB Bottom Separation Shelf	I Form 4 Separation Box
	400	200	1041.020	1033.200	1032.040	1042.020
		250	1041.025	1033.250	1032.040	1042.025
		300	1041.030	1033.300	1032.040	1042.030
		350	1041.035	1033.350	1032.040	1042.035
		400	1041.040	1033.400	1032.040	1042.040
	600	200	1041.020	1033.200	1032.060	1042.020
		250	1041.025	1033.250	1032.060	1042.025
		300	1041.030	1033.300	1032.060	1042.030
		350	1041.035	1033.350	1032.060	1042.035
		400	1041.040	1033.400	1032.060	1042.040
	800	200	1041.020	1033.200	1032.080	1042.020
		250	1041.025	1033.250	1032.080	1042.025
		300	1041.030	1033.300	1032.080	1042.030
		350	1041.035	1033.350	1032.080	1042.035
		400	1041.040	1033.400	1032.080	1042.040
	Package QTY.		1	1	1	1
	Required QTY.		1/2*	1/2*	1	1
	*1 pieces required with Form 2b, Form 4a separating options.					
	*2 pieces required with Form 2a, Form 3a, Form 3b, Form 4b separating options.					

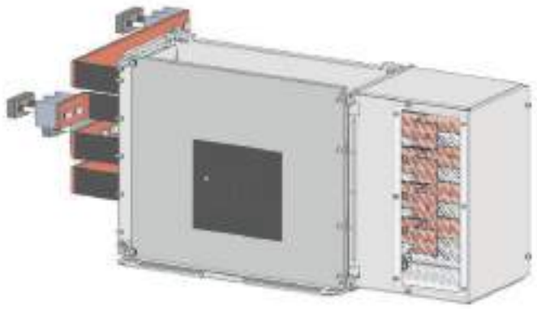


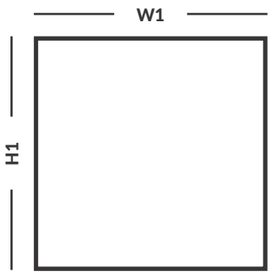


CASSETTE SIZE	Width(mm)	Height(mm)	J External Partial Door	K MCCB Safety Cover*	L Internal Partial Door
	400	200	853.420	1064.420	954.420
		250	853.425	1064.425	954.425
		300	853.430	1064.430	954.430
		350	853.435	1064.435	954.435
		400	853.440	1064.440	954.440
	600	200	853.620	1064.620	954.620
		250	853.625	1064.625	954.625
		300	853.630	1064.630	954.630
		350	853.635	1064.635	954.635
		400	853.640	1064.640	954.640
	800	200	853.820	1064.820	954.820
		250	853.825	1064.825	954.825
		300	853.830	1064.830	954.830
		350	853.835	1064.835	954.835
		400	853.840	1064.840	954.840
	Package QTY.		1	1	1
	Required QTY.		1	1	1
	* This part can be used with External Partial Door.				
	This part could be selected with Form 4a, Form 4b separating options				

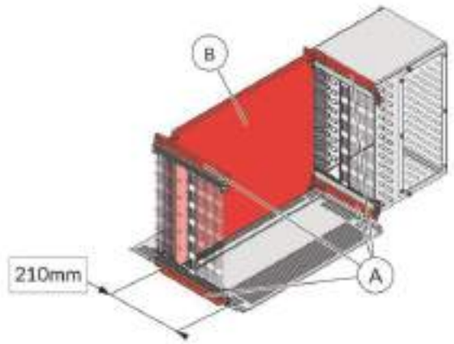
CASSETTE SIZING			
Functional Unit Current(A)	Pole	Width	Height
250	3	400/600/800	200
250-630	3/4	400/600/800	250
400-630	3/4	600/800	300
630-1600	3	600/800	350
630-1600	4	600/800	400

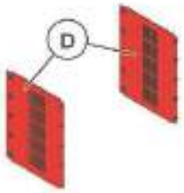
A3.3 MCCB(EMPTY) CASSETTE

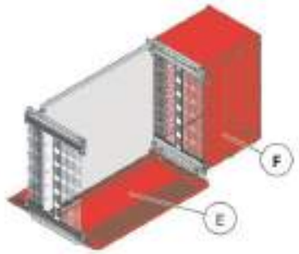


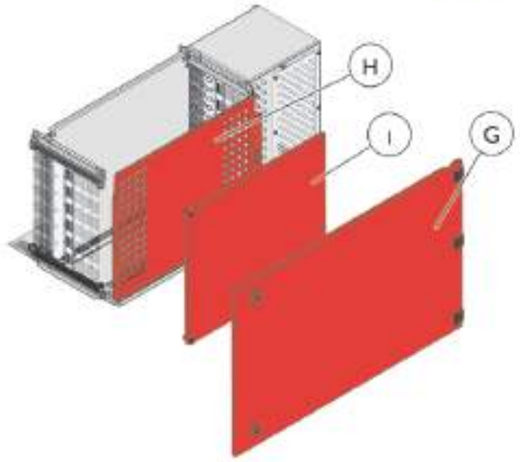


Usable Space
W1=Width-(108mm)
H1=Height-(2mm)









A3.3 MCCB(EMPTY) CASSETTE

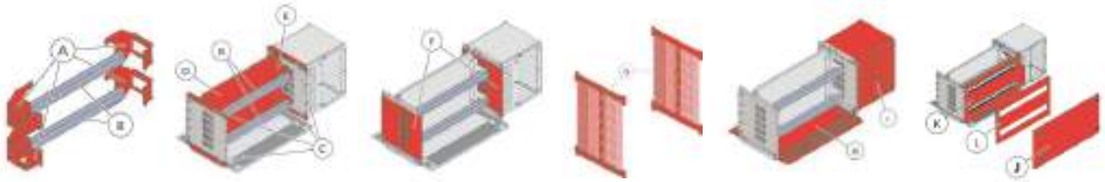
CASSETTE SIZE			A	B	C	D	E	F	G	H	I
	Width(mm)	Height(mm)	System-2 Rail Kit	Mounting Plate	Modular Side Separation Cover	Side Separation Cover	MCCB Bottom Separation Shelf	Form 4 Separation Box	External Partial Door	MCCB Safety Cover**	Internal Partial Door
	400	150	1037.001	1038.415	1041.015	1033.150	1032.040	1042.015	853.415	1064.415	954.415
		200	1037.001	1038.420	1041.020	1033.200	1032.040	1042.020	853.420	1064.420	954.420
		250	1037.001	1038.425	1041.025	1033.250	1032.040	1042.025	853.425	1064.425	954.425
		300	1037.001	1038.430	1041.030	1033.300	1032.040	1042.030	853.430	1064.430	954.430
		350	1037.001	1038.435	1041.035	1033.350	1032.040	1042.035	853.435	1064.435	954.435
		400	1037.001	1038.440	1041.040	1033.400	1032.040	1042.040	853.440	1064.440	954.440
		450	1037.001	1038.445	-	1033.450	1032.040	-	853.445	1064.445	954.445
		500	1037.001	1038.450	-	1033.500	1032.040	-	853.450	1064.450	954.450
		600	1037.001	1038.460	-	1033.600	1032.040	-	853.460	1064.460	954.460
		800	1037.001	1038.480	-	1033.800	1032.040	-	853.480	1064.480	954.480
		1000	1037.001	1038.499	-	1033.999	1032.040	-	853.410	1064.400	954.499
	600	150	1037.001	1038.615	1041.015	1033.150	1032.060	1042.015	853.615	1064.615	954.615
		200	1037.001	1038.620	1041.020	1033.200	1032.060	1042.020	853.620	1064.620	954.620
		250	1037.001	1038.625	1041.025	1033.250	1032.060	1042.025	853.625	1064.625	954.625
		300	1037.001	1038.630	1041.030	1033.300	1032.060	1042.030	853.630	1064.630	954.630
		350	1037.001	1038.635	1041.035	1033.350	1032.060	1042.035	853.635	1064.635	954.635
		400	1037.001	1038.640	1041.040	1033.400	1032.060	1042.040	853.640	1064.640	954.640
		450	1037.001	1038.645	-	1033.450	1032.060	-	853.645	1064.645	954.645
		500	1037.001	1038.650	-	1033.500	1032.060	-	853.650	1064.650	954.650
		600	1037.001	1038.660	-	1033.600	1032.060	-	853.660	1064.660	954.660
		800	1037.001	1038.680	-	1033.800	1032.060	-	853.680	1064.680	954.680
		1000	1037.001	1038.699	-	1033.999	1032.060	-	853.610	1064.600	954.699
	800	150	1037.001	1038.815	1041.015	1033.150	1032.080	1042.015	853.815	1064.815	954.815
		200	1037.001	1038.820	1041.020	1033.200	1032.080	1042.020	853.820	1064.820	954.820
		250	1037.001	1038.825	1041.025	1033.250	1032.080	1042.025	853.825	1064.825	954.825
		300	1037.001	1038.830	1041.030	1033.300	1032.080	1042.030	853.830	1064.830	954.830
		350	1037.001	1038.835	1041.035	1033.350	1032.080	1042.035	853.835	1064.835	954.835
		400	1037.001	1038.840	1041.040	1033.400	1032.080	1042.040	853.840	1064.840	954.840
		450	1037.001	1038.845	-	1033.450	1032.080	-	853.845	1064.845	954.845
		500	1037.001	1038.850	-	1033.500	1032.080	-	853.850	1064.850	954.850
		600	1037.001	1038.860	-	1033.600	1032.080	-	853.860	1064.860	954.860
		800	1037.001	1038.880	-	1033.800	1032.080	-	853.880	1064.880	954.880
		1000	1037.001	1038.899	-	1033.999	1032.080	-	853.810	1064.800	954.899
	Package QTY.		4	1	1	1	1	1	1	1	1
	Required QTY.		4	1	1/2*	1/2*	1	1	1	1	1

*1 pieces required with Form 2b, Form 4a separating options.

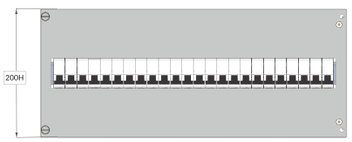
*2 pieces required with Form 2a, Form 3a, Form 3b, Form 4b separating options.

** This part can be used with External Partial Door. MCCB Safety Cover could be selected with Form 4a, Form 4b separating options

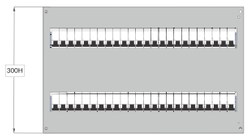
A3.4 MCB CASSETTE



	CASSETTE SIZE							PACKAGE QTY.	REQUIRED QTY.
	Width(mm)	400		600		800			
	Height(mm)	200	300	200	300	200	300		
A	MCB Assembly Kit(Form 1)	1046.020	1046.030	1046.020	1046.030	1046.020	1046.030	1	1(For 200H) 2(For 300H)
B	MCB Rail	1046.940	1046.940	1046.960	1046.960	1046.980	1046.980	1	
C	System-2 Rail Kit	1037.001	1037.001	1037.001	1037.001	1037.001	1037.001	4	4
D	Mounting Plate	1038.420	1038.430	1038.620	1038.630	1038.820	1038.830	1	1
E	MCB Assembly Kit(Form 2-Form 4B)	1046.120	1046.130	1046.120	1046.130	1046.120	1046.130	1	1
F	Side Separation Cover	1033.200	1033.300	1033.200	1033.300	1033.200	1033.300	1	1/2*
G	Modular Side Separation Cover(Optional)	1041.020	1041.030	1041.020	1041.030	1041.020	1041.030	1	1/2*
H	System-2 Separation Shelf	1032.040	1032.040	1032.060	1032.060	1032.080	1032.080	1	1
I	Form 4 Separation Box	1042.020	1042.030	1042.020	1042.030	1042.020	1042.030	1	1
J	External Partial Door	853.420	853.430	853.620	853.630	853.820	853.830	1	1
K	MCB Safety Cover**	1065.420	1065.430	1065.620	1065.630	1065.820	1065.830	1	1
L	Internal Partial Door	954.421	954.431	954.621	954.631	954.821	954.831	1	1
*1 pieces required with Form 2b, Form 4a separating options.									
*2 pieces required with Form 2a, Form 3a, Form 3b, Form 4b separating options.									
** This part can be used with External Partial Door. This part Could be selected with Form 4a, Form 4b separating options									



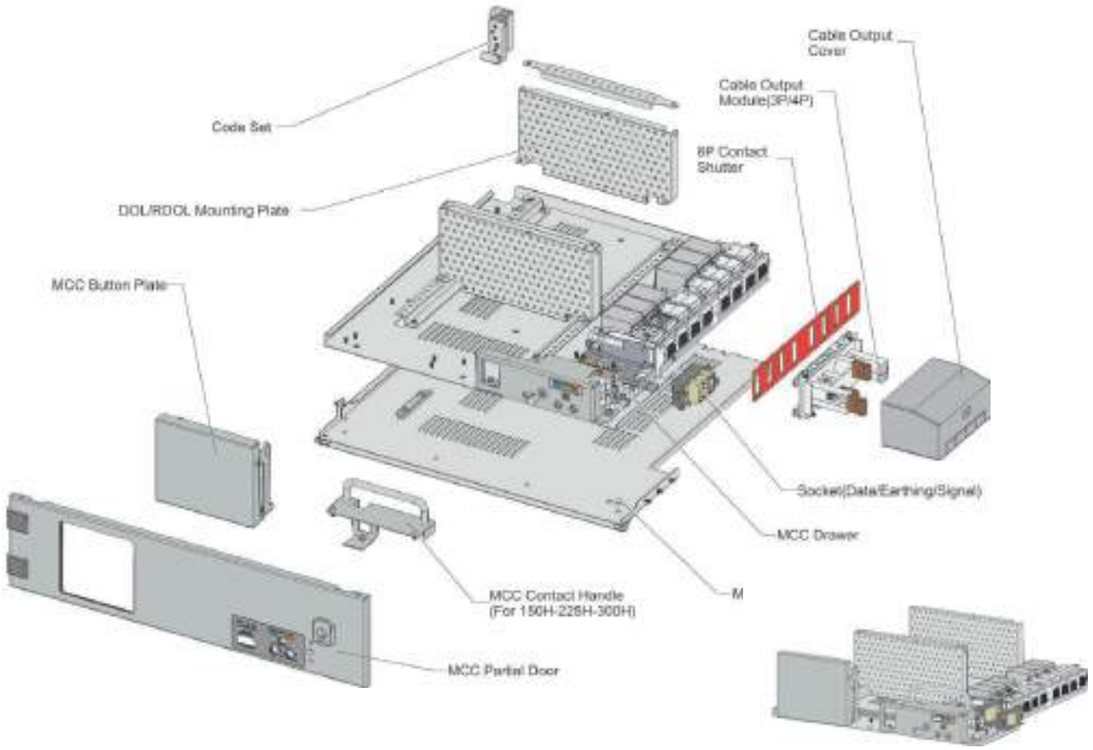
Width(mm)	Qty. MCB
400	12
600	24
800	36



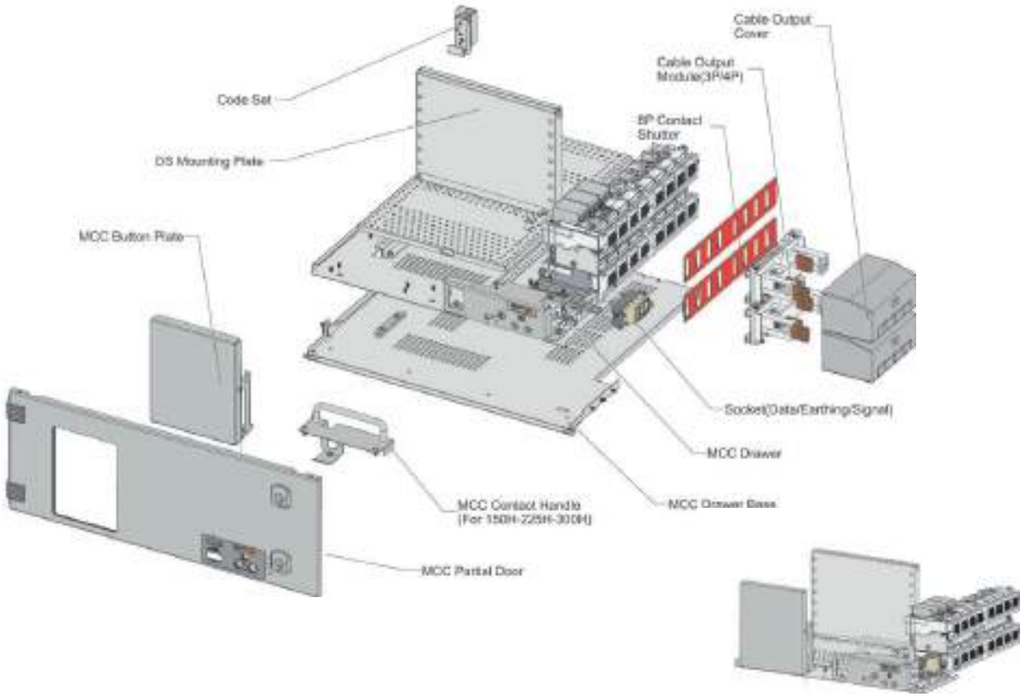
Width(mm)	Qty. MCB
400	12x2
600	24x2
800	36x2

A3.5 MCC(DRAWABLE) CASSETTE

DOL/RDOL CONNECTION

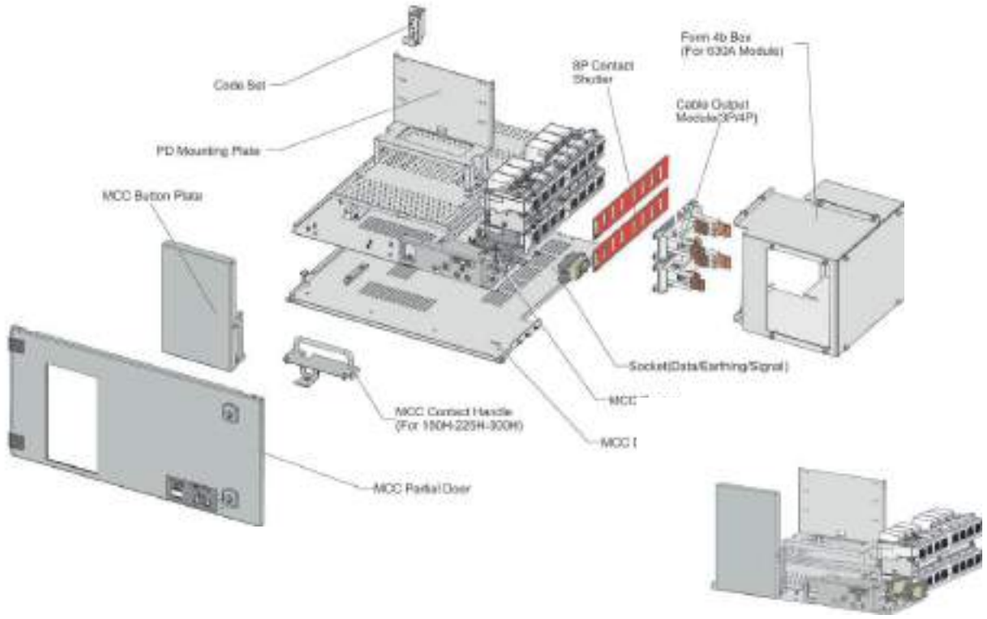


DS CONNECTION



A3.5 MCC(DRAWABLE) CASSETTE

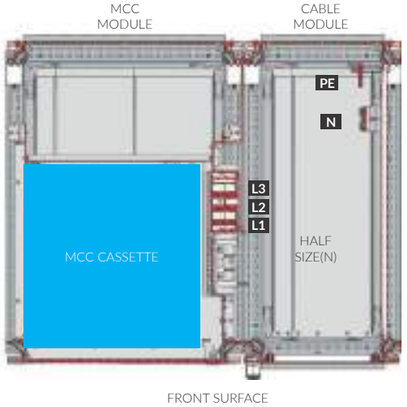
PD CONNECTION



A3.5 MCC(DRAWABLE) CASSETTE

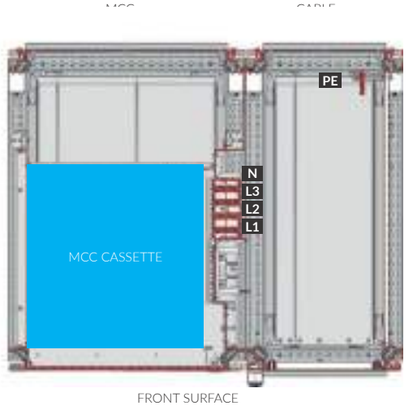
VERTICAL BUSBAR of DISTRIBUTION IN THE MODULE

3 POLES (L1+L2+L3) +N + PE



! Note : 3 Phases vertical busbar position (L1+L2+L3)+N is valid in TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2) and TT(1/2) configrations in NO 3. Please see at Earthing System

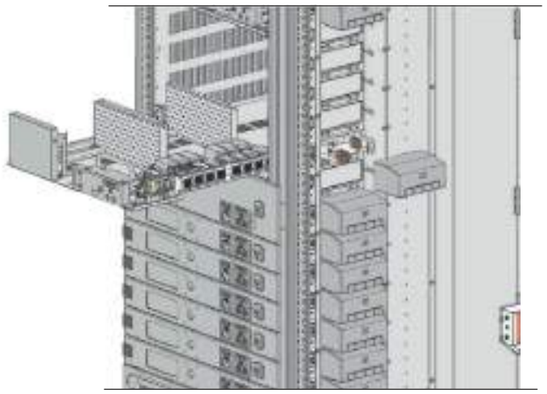
4 POLES (L1+L2+L3+N) + PE



! Note : 4 Phases vertical busbar position (L1+L2+L3+N) is valid in only TN-S(1/1) and TT(1/1) configrations in NO 3. Please see at Earthing System

AMBIANCE TEMP : 25°C, HEATING TEMP : 30°C,50 Hz A.C.					
Depth (mm)	Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
			L1/L2/L3	Neutral(N)	PE
600	1/2 N	1100A	60/10x1	50/5x1	25/5x1
600	1/1 N	1100A	60/10x1	60/10x1	50/5x1
800	1/2 N	1100A	60/10x1	50/5x1	25/5x1
800	1/1 N	1100A	60/10x1	60/10x1	50/5x1

- **MCC Main Frame** designed with standart vertical busbar size which is providing 1100A current.
- When loading the MCC module with cassettes, the user must to be consider the total power capacity of vertical power with usage factor.
- PDS comes wtih pre assembled conductor connections kits in MCC Drawers for vertical busbar to cassette connection.



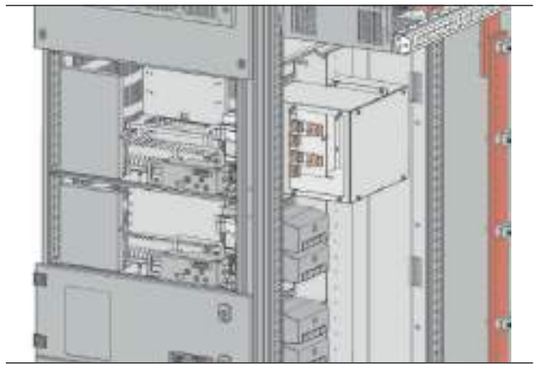
- There are two type of selection : 3 Poles **(L1+L2+L3) +N+PE or 4 Poles (L1+L2+L3+N)+PE** as the user demand.
- PDS deliveries cable/conductor connection kits of vertical busbar to cassette. For that reason Pole type selection is important to get the correct quantities.
- When selecting cassettes, the user must to be consider the pole type of the module and pole type of the cassette have to be compatible.
- If user selects 4 poles cassette have to be sure that the module earthing configuration comprises **TN-S(1/1) or TT(1/1).**

For 3 poles selection the user can be choose all type of earting configurations. Please see at earthing configuration sheets and instructions.

A3.5 MCC(DRAWABLE) CASSETTE

SEGREGATION TYPE

Form 4b

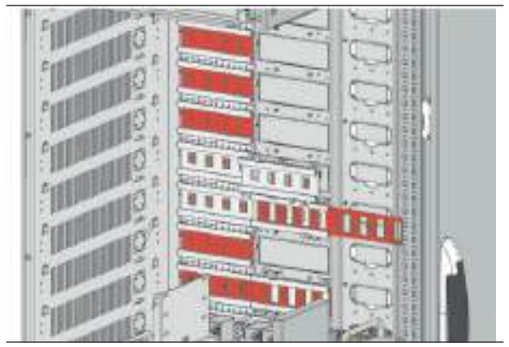


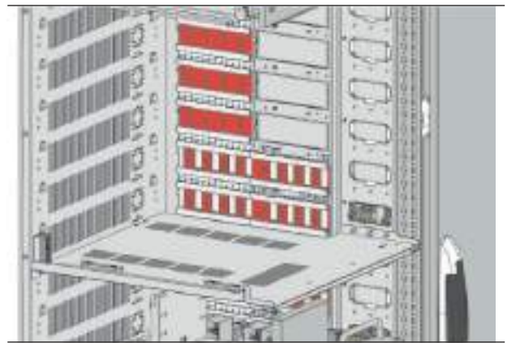
! Selecting cassettes, the user must to be consider the segregation of the module and the cassette have to be compatible.

- See the details for assembling cassettes according to Form types in assembling drawings and instructions.

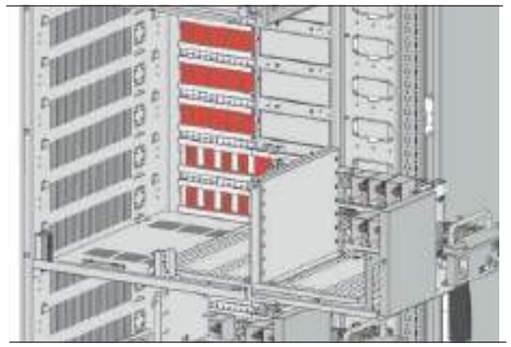
INSTALLATION OF A MCC CASETTE

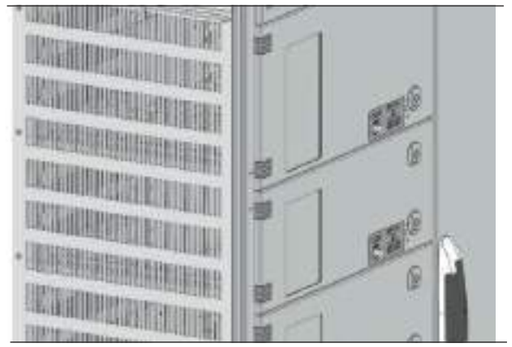
MCC Drawer Connections from Distribution/Cabling





Fixing of an MCC Cassette into Module

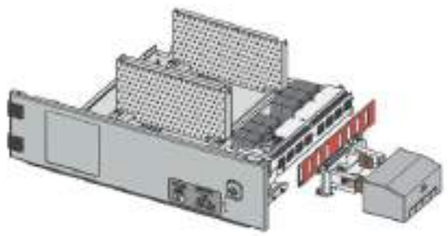




A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

MCC DRAWER

DOL/RDOL CONNECTION



- **DOL/RDOL CONNECTION** type has 125A and 315A connection set(One power input-one cable output). One drawer builds with parts which at below section.
- The limit values given in the tables for the DOL/RDOL connection are due to the contactor dimensions.
- 250A and above cutter connections should be used with copper busbar. Therefore, the maximum limit for DOL/RDOL systems set at 110 kW in accordance with the system cable connection.
- Due to contactor sizes, 150H DOL system cannot exceed 90 kW.

Module Current Capacity(A)	NO BRAND			Min. Drawer Height
	DOL System			
	Breaker Model	DOL Contactor	Max. Power (kW)	
125A	-	-	15 kW	75H
	-	-	55 kW	150H
315A	-	-	90 kW	150H
	-	-	110kW	225H

Module Current Capacity(A)	SCHNEIDER			Min. Drawer Height
	DOL System			
	Breaker Model	DOL Contactor	Max. Power (kW)	
125A	GV2P (0,06-15kW)	LC1-D9M7 - LC1-D38M7	15 kW	75H
	GV3P (18,5-30kW) / NSX (16-160A)	LC1-D9M7 - LC1-D150M7	55 kW	150H
315A	NSX (160A)	LC1-F185M7	75 kW	150H
	NSX (250A)	LC1-F265M7	110kW	225H

Module Current Capacity(A)	ABB			Min. Drawer Height
	DOL System			
	Breaker Model	DOL Contactor	Max. Power (kW)	
125A	MS116/MS132/MO132 (0,1-15,5 kW)	AF09 - AF38	15,5 kW	75H
	MS450/MS495/MS497/ XT2S/XT3S (15-55 kW)	AF30 - AF140	55 kW	150H
315A	XT3S(160 - 200 A)	AF140 - AF205	90 kW	150H
	XT4S (250 A)	AF265	110 kW	225H

Module Current Capacity(A)	SIEMENS			Min. Drawer Height
	DOL System			
	Breaker Model	DOL Contactor	Max. Power (kW)	
125A	3RV2011-0DA10/3RV2021-4FA10 (0,16- 18,5 kW)	3RT2015 - 3RT2036 (7 - 50A)	18,5 kW	75H
	3RV2031-4VA10/3RV2041-4MA10 (22 - 45 kW) / 3VA2163/3VA2216 (100-160A)	3RT2036 - 3RT1055 (50 - 150A)	55 kW	150H
315A	3VA2110 - 3VA2220 (100 - 220 A)	3RT1055 - 3RT1056 (150 - 185A)	75 kW	150H
	3VA2325 (250 A)	3RT1064 - 3RT1065 (225 - 265A)	110 kW	225H

- This tables give information about diffirent brand contactor and breaker models selection for assembly. Max Power values are for correct size selection.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

DOL/RDOL CONNECTION

MCC DRAWER BASE

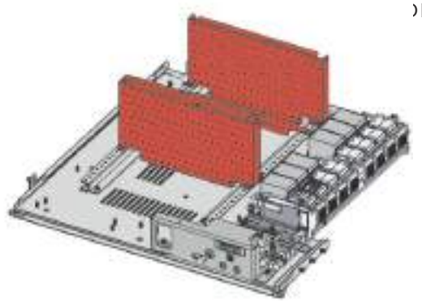
DRAWER CURRENT (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
125A	1100.100	1 pc.	1
315A	1100.102	1 pc.	1

- Part quantities change by pack specifications.
- System includes parts which are below.
  - Drawer base
  - Drawer
  - Cable Output Module
  - Cable Output Cover
  - Module Contact Blind Shutter

MCC PARTIAL DOOR

HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
75	1100.307	1 pc.	1
150	1100.315	1 pc.	1
225	1100.322	1 pc.	1
300	1100.330	1 pc.	1
375	1100.337	1 pc.	1
450	1100.345	1 pc.	1
600	1100.360	1 pc.	1

- Height changes effects buttons, signal lights etc. assembly area.
- Part quantities change by pack specifications.
- System includes parts which are below.
  - MCC Partial Door
  - Button Cover
  - Button Cover Support
  - Drawer Contact Handle (For 150H and over)
  - Operation Handle Support (For 75H)



DRAWER MOUNTING PLATE

HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
75	1100.400	1 pc.	1
150	1100.401	1 pc.	1
225	1100.402	1 pc.	1

- Design for DOL-RDOL assembly.
- Package includes parts which are below.
  - 3 pcs. DOL/RDOL Mounting Plate
  - 1 pc. Cable Support Rail
  - Assembly Parts(M5x10 Screw)

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

DS (Delta-Star) CONNECTION

- **DS CONNECTION** type has 125A DS and 315A DS connection set (One power input-Two cable output). One drawer builds with parts which at below section.
- The limit values given in the tables for the DS connection are due to the contactor dimensions.
- Because the minimum height of the module for DS connection is 150H, DS drawer cannot be made for 75H.

Module Current Capacity(A)	NO BRAND DSD System			Min. Drawer Height
	Breaker Model	DSD Contactor	Max. Power (kW)	
125A	-	-	55 kW	150H
	-	-	55 kW	225H
315A	-	-	110 kW	150H
	-	-	110 kW	225H
	-	-	110 kW	300H

Module Current Capacity(A)	SCHNEIDER DSD System			Min. Drawer Height
	Breaker Model	DSD Contactor	Max. Power (kW)	
125A	GV2P - GV3P (0,06-30kW)/ NSX (160 A)	LC1-D9M7 - LC1-D65M7	55 kW	150H
	-	-	-	225H
315A	-	-	-	150H
	NSX (16-160A)	LC1-D9M7 - LC1-D95M7	75 kW	225H
	NSX (250A)	LC1-D95M7 - LC1-F185M7	110 kW	300H

Module Current Capacity(A)	ABB DSD System			Min. Drawer Height
	Breaker Model	DSD Contactor	Max. Power (kW)	
125A	MS116/MS132/MO132/MS450/ MS495/MS497/XT2S/XT3S (0,1-55 kW)	AF09 - AF65	55 kW	150H
	-	-	-	225H
315A	XT3S	AF65 - AF96	75 kW	150H
	XT3S/XT4S (160 - 250A)	AF80 - AF140	110 kW	225H
	-	-	-	300H

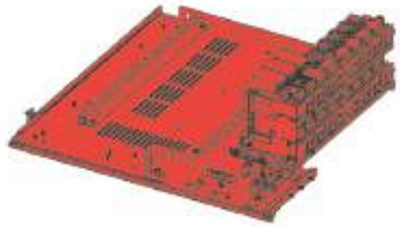
Module Current Capacity(A)	SIEMENS DSD System			Min. Drawer Height
	Breaker Model	DSD Contactor	Max. Power (kW)	
125A	3RV2011-0DA10/3RV2031-4JA10 (0,16 - 30 kW)	3RT2015 - 3RT2028 (7 - 38A)	30 kW	150H
	3RV2031-4KA10/3RV2041-4MA10 (33 - 45 kW) / 3VA2110/3VA2216 (100-160A)	3RT2035 - 3RT2038 (40 - 80A)	55kW	225H
315A	-	-	-	150H
	3VA2216 - 3VA2325 (100 - 250 A)	3RT2037 - 3RT2047 (65 - 110A)	90 kW	225H
	3VA2325 (250 A)	3RT2047 - 3RT1056 (110 - 185A)	110 kW	300H

- This tables give information about diffirent brand contactor and breaker models selection for assembly. Max Power values are for correct size selection.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

DS (Delta-Star) CONNECTION

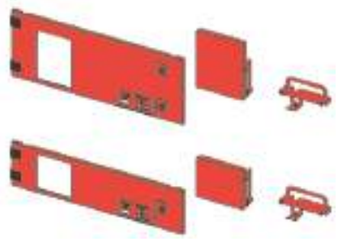
MCC DRAWER BASE



DRAWER CURRENT (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
125A	1100.106	1 pc.	**1**
315A	1100.107	1 pc.	**1**

- Part quantities change by pack specifications.
- System includes parts which are below.
  - Drawer base
  - Drawer
  - Cable Output Module
  - Cable Output Cover
  - Module Contact Blind Shutter

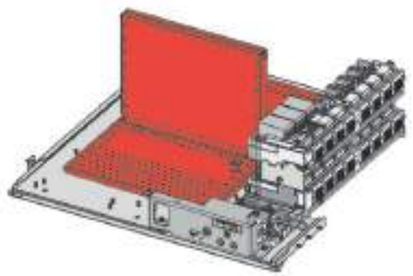
MCC PARTIAL DOOR



HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
150	1100.315	1 pc.	**1**
225	1100.322	1 pc.	**1**
300	1100.330	1 pc.	**1**
375	1100.337	1 pc.	**1**
450	1100.345	1 pc.	**1**
600	1100.360	1 pc.	**1**

- Height changes effects buttons, signal lights etc. assembly area.
- Part quantities change by pack specifications.
- System includes parts which are below.
  - MCC Partial Door
  - Button Cover
  - Button Cover Support
  - Drawer Contact Handle (For 150H and over)

DRAWER MOUNTING PLATE

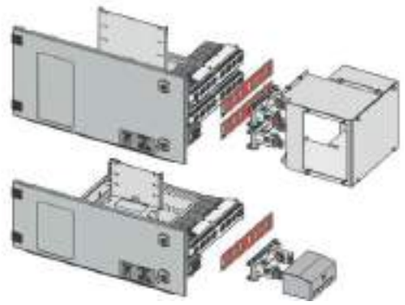


HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
150	1100.420	1 pc.	**1**
225	1100.421	1 pc.	**1**
300	1100.422	1 pc.	**1**

- Design for Delta-Star assembly.
- Package includes parts which are below.
  - 2 pcs. DS Mounting Plate
  - 1 pc. Drawer Base Support Plate
  - Assembly Parts(M5x10 Screw)

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

PD (Power Distribution) CONNECTION



- **PD CONNECTION** type has 125A,315A connection set (One power input-One cable output) and 315A DS connection set (Two power input-Two cable output). One drawer builds with parts which at below section.
- The limit values given in the tables for the PD connection are due to the breaker dimensions.
- Because the minimum height of the module for DS connection is 150H, PD drawer cannot be made for 75H.

Module Current Capacity(A)	NO BRAND		Min. Drawer Height
	Breaker Model (3P)	Breaker Model (4P)	
125A	-	-	150H
	-	-	225H
315A	-	-	150H
	-	-	225H
630A	-	-	300H

Module Current Capacity(A)	SCHNEIDER		Min. Drawer Height
	Breaker Model (3P)	Breaker Model (4P)	
125A	NSX (16-125A)	-	150H
	-	NSX (16-125A)	225H
315A	NSX (160-200A)	-	150H
	NSX (250A)	NSX (160 - 250A)	225H
630A	NSX (400-630A)	NSX (400 - 630A)	300H

Module Current Capacity(A)	ABB		Min. Drawer Height
	Breaker Model (3P)	Breaker Model (4P)	
125A	XT1N (32-125 A)	-	150H
	-	XT1N (32 - 125A)	225H
315A	XT1N - XT3N (160 - 200 A)	-	150H
	XT3N (250A)	XT1N - XT3N (160 - 250A)	225H
630A	T5N (400-630A)	T5N (400-630A)	300H

Module Current Capacity(A)	SIEMENS		Min. Drawer Height
	Breaker Model (3P)	Breaker Model (4P)	
125A	3VA1196-3VA1112-3VA2110	-	150H
	-	3VA1196-3VA1112-3VA2110	225H
315A	3VA2116-3VA2225 (200A)	-	150H
	3VA2225 (250A)	3VA2116-3VA2225	225H
630A	3VA2340-3VA2463	3VA2340-3VA2463	300H

- This tables give information about diffrent brand contactor and breaker models selection for assembly. Max Power values are for correct size selection.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

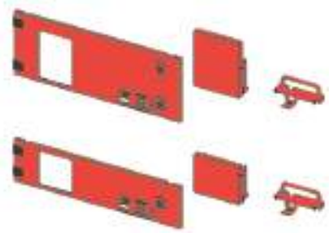
PD (Power Distribution) CONNECTION

MCC DRAWER BASE

DRAWER CURRENT (A)	POLE	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
125A	3P	1100.100	1 pc.	**1**
125A	4P	1100.101	1 pc.	**1**
315A	3P	1100.102	1 pc.	**1**
315A	4P	1100.103	1 pc.	**1**
630A	3P	1100.104	1 pc.	**1**
630A	4P	1100.105	1 pc.	**1**

- Part quantities change by pack specifications.
- System includes parts which are below.
  - Drawer base
  - Drawer
  - Cable Output Module
  - Cable Output Cover (For 125A-315A Modules)
  - Module Contact Blind Shutter

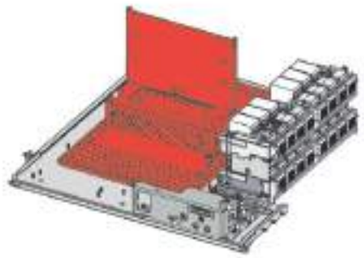
MCC PARTIAL DOOR



HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
150	1100.315	1 pc.	**1**
225	1100.322	1 pc.	**1**
300	1100.330	1 pc.	**1**
375	1100.337	1 pc.	**1**
450	1100.345	1 pc.	**1**
600	1100.360	1 pc.	**1**

- Height changes effects buttons, signal lights etc. assembly area.
- Part quantities change by pack specifications.
- System includes parts which are below.
  - MCC Partial Door
  - Button Cover
  - Button Cover Support
  - Drawer Contact Handle (For 150H and over)

DRAWER MOUNTING PLATE



HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
150	1100.440	1 pc.	**1**
225	1100.441	1 pc.	**1**
300	1100.442	1 pc.	**1**

- Design for Power Distribuiton assembly.
- Package includes parts which are below.
  - 1 pc. PD Mounting Plate
  - 1 pc. PD Breaker Support (For 225H) and (300H)
  - 1 pc. Drawer Base Support Plate
  - Assembly Parts(M5x10 Screw)

DRAWER FORM 4b BOX

HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
225	1100.450	1 pc.	**1**

- This part **must** be selected for 630A Drawer.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

BUSBAR MODULE COVER

MODULE BLIND SHUTTER

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.464	10 pcs.	**10**

- Blind shutter prevents physical contact with the energized contact points.
- Quantity of blind shutter changes with drawer height.
- The quantity of the blind shutter are below at table for each Drawer.

	HEIGHT(H)	POLE	MODULE CURRENT(A)	REQUIRED QTY.(pcs.)
DOL/RDOL	75	-	125A/315A	-
	150	-	125A/315A	1
	225	-	125A/315A	2
	300	-	125A/315A	3
	375	-	125A/315A	4
	450	-	125A/315A	5
	600	-	125A/315A	7
DS	150	-	125A/315A	-
	225	-	125A/315A	1
	300	-	125A/315A	2
	375	-	125A/315A	3
	450	-	125A/315A	4
	600	-	125A/315A	6
PD	150	3	125A/315A	1
	225	4	125A/315A	2
	300	3/4	630A	2
	375	3/4	630A	3
	450	3/4	630A	4
	600	3/4	630A	6

MODULE CONTACT BLIND SHUTTER

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.465	5 pcs.	**5**

- **This part come with Drawers. You can order here as a spare part.**
- Contact Blind Shutter prevent contact with busbar module and cable module.

BUSBAR COVER

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.463	1 pc.	**1**

- Busbar cover is designed to replace the shutter or add a new drawer to the MCC system, ensuring safety by blocking busbar contact while changing the shutter.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

OPERATING AND SAFETY EQUIPMENTS

OPERATING HANDLES

T TYPE OPERATING HANDLE

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.461	1 pc.	1

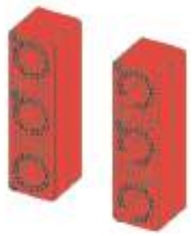
- For operating 125A and 315A DOL/RDOL,PD drawer models.

HEAVY MODULE OPERATING HANDLE

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.462	1 pc.	1

- For operating 125A DS, 315A DS A-and 630A PD drawer models.

CODE SET



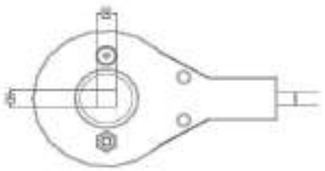
REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.460	1 pc.	1

- Code set secures each drawer position and blocks wrong placement for drawers with 1000 diffirent combination.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

EASY LOCK SYSTEM

EASY LOCK



DIMENSION (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
5	1100.480	1 pc.	1
6	1100.481	1 pc.	1
8	1100.482	1 pc.	1
10	1100.483	1 pc.	1
12	1100.484	1 pc.	1

EASY LOCK HOLDER

HEIGHT (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
75	1100.490	1 pc.	1
150	1100.491	1 pc.	1
225+	1100.492	1 pc.	1

- Easy Lock Holder must be selected with Easy Lock.

A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

SOCKET CONNECTIONS

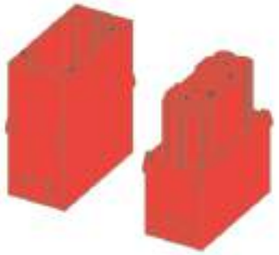
MODULAR SOCKET

MODULAR SOCKET FRAME

REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set)
1100.501	1 set	**1**

- Modular Socket could customize to your connection quantity and connection type. One frame handles 4 single module sockets.
- 1 Set includes **1 pc. A-D Modular Socket Frame, 1 pc. a-d Modular Socket Frame.**

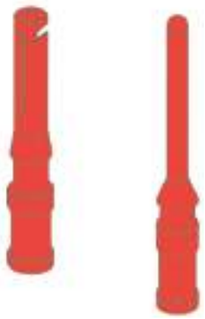
SOCKET MODULE (12 CONTACT)



REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set)
1100.502	1 set	**1**

- 1 Set includes **1 pc.Female Socket (12 contact), 1 pc. Male Socket (12 Contact)**
- Each socket module have 12 contact point. This package have male socket (for mcc frame) and female socket (for drawer).

SOCKET MODULE CRIMP CONTACTS



REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.503	24 pcs.	**Optional**
1100.504	100 pcs.	**Optional**

- **Male and female crimp quantities are equal in packages. (Example: 24 pcs. (24 female/24 male crimp)**
- Male and female crimps should order with socket modules (12 contact). Crimps for 2,5mm cables.

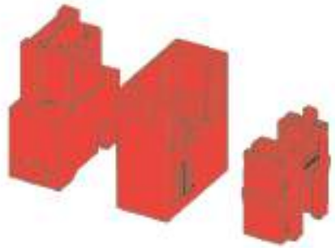
A3.5 MCC (DRAWABLE) CASSETTE SELECTION GUIDE

SOCKET DUMMY MODULE

REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
1100.505	2 pcs.	Optional
1100.506	12 pcs.	Optional

- For unused sections at modular socket frame.
- Package includes **2 pcs. Dummy Socket (12 pcs. package is for multiple selection.)**

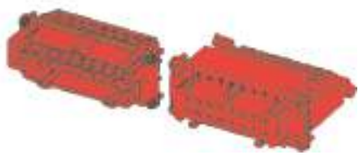
RJ45 MODULE



REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set)
1100.507	1 set	1

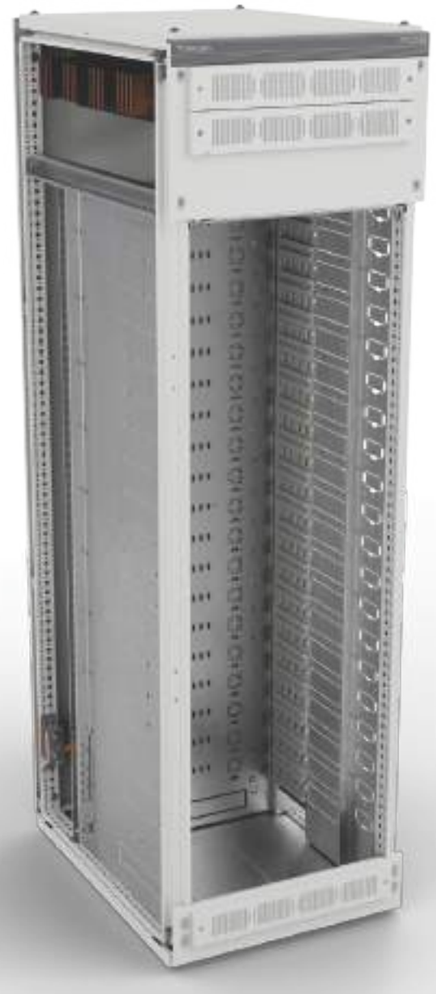
- For data connection at modular socket frame.
- Package includes **1 pc. RJ45 Male Connector, 1 pc. RJ45 Female Connector, 1 pc. RJ45 Female adapter**

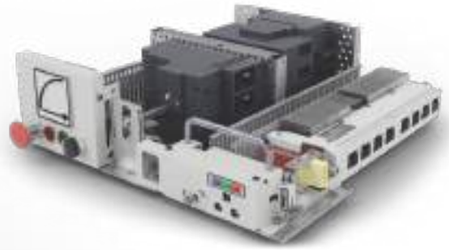
TERMINAL TYPE SOCKET SET



REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set)
1100.520	1 set	1

- Fixed 16 contact point cable connection without crimps.
- 1 Set includes **1 pc. Male Socket, 1 pc. Terminal Female Socket**





BAYING ACCESSOIRES

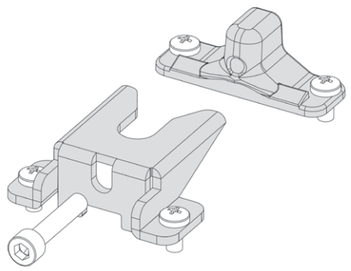
PANEL BAYING

REF. NO.	REQUIRED QTY.(Set)
1036.002	1

- 1 Panel Baying Kit required for each panel baying operation. Eg: 4 Panel Baying Kit required for a 5 panel design
- Package includes **2 pcs. Angular Bracket,2 pcs. Lifting Hook, 8 pcs. Fixing Bracket, Gasket, Assembly Parts.**

GROUP BAYING

GROUP BAYING KIT



REF. NO.	REQUIRED QTY.(Set)
1036.001	1

- Group Baying Kit required for each group baying operation.
- Group baying kit is based on self alignment design for easy assembly and could be applied for every group enclosures.
- Package includes **10 pcs. Male Baying Bracket, 10 pcs. Female Baying Bracket, Gasket, Assembly Parts.**

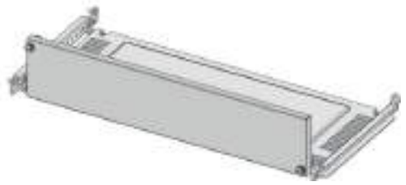
MID BUSBAR BAYING PANEL

1350A~2300A Mid Busbar Baying Panel			
INFO	PACKAGE DESCRIPTION	REF. NO.	REQUIRED QTY. (Set)
	Top&Bottom Group 300Wx600D	1001.362	1
	Vertical Frame 2000H	702.200	1
	Blank Gland Plate 300Wx600D	1005.136	1
	Fixed Front Panel 300Wx2000H	1020.320	1
	Rear Panel 300Wx2000H	1003.320	1
Optional (100H Plinth)	Plinth Corner 100H	708.100	1
	Plinth Front Cover 300W	709.130	1
	Plinth Side Cover 600D	710.160	1
Optional (200H Plinth)	Plinth Corner 200H	708.200	1
	Plinth Front Cover 300W	709.130	2
	Plinth Side Cover 600D	710.160	2

2500A~4000A Mid Busbar Baying Panel			
INFO	PACKAGE DESCRIPTION	REF. NO.	REQUIRED QTY. (Set)
	Top&Bottom Group 300Wx800D	1001.382	1
	Vertical Frame 2000H	702.200	1
	Blank Gland Plate 300Wx800D	1005.138	1
	Fixed Front Panel 300Wx2000H	1020.320	1
	Rear Panel 300Wx2000H	1003.320	1
Optional (100H Plinth)	Plinth Corner 100H	708.100	1
	Plinth Front Cover 300W	709.130	1
	Plinth Side Cover 800D	710.180	1
Optional (200H Plinth)	Plinth Corner 200H	708.200	1
	Plinth Front Cover 300W	709.130	2
	Plinth Side Cover 800D	710.180	2

- **This panel must be ordered for mid busbar group baying.**
- **Please check group baying kits for this panel.**
- **Busbar baying kit, group baying kit and panel baying kit must be ordered seperately. Please check baying kit section 1.1 and 1.2 for required quantities.**

50H/100H FIXED COVERS



WIDTH(W)	REF. NO.	PACKAGE QTY. (Set)	REQUIRED QTY. (Set)
400	1017.400	1 set	1
600	1017.600	1 set	1
800	1017.800	1 set	1

- Package includes **2 pcs. System-2 Rail, 1 pc. Separation Shelf, 4 pcs. Shelf Bracket, Assembly Parts(M5x6 Screw/Hexagon Socket Head Screw)**

50H/100H FIXED COVERS

For EXTERNAL				
WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (Set)	REQUIRED QTY. (Set)
400	50	856.405	1 set	1
400	100	856.410	1 set	1
600	50	856.605	1 set	1
600	100	856.610	1 set	1
800	50	856.805	1 set	1
800	100	856.810	1 set	1

- Package includes **1 pcs. Partial External Cover, 1 pc. Fixed Cover Support Assembly Parts(M5x10 Taptite Screw, M6x23 Screw, M6 Cage Nut, O-ring)**

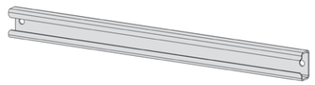
For INTERNAL				
WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (Set)	REQUIRED QTY. (Set)
400	50	954.405	1 set	1
400	100	954.410	1 set	1
600	50	954.605	1 set	1
600	100	954.610	1 set	1
800	50	954.805	1 set	1
800	100	954.810	1 set	1

- Package includes **1 pcs. Interanal Cover, Assembly Parts(M6 Knob Screw, M6 Cage Nut, O-ring)**

CABLING ACCESSORIES

CABLE MANAGEMENT

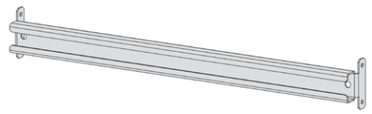
CABLE MANAGEMENT RAIL (CABLING SECTION)



DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)
600	1026.260	6 pcs.
600	1026.261	24 pcs.
800	1026.280	6 pcs.
800	1026.281	24 pcs.

- Package includes **6/24 pcs. Cable Management Rail(CablingSec.), Assembly Parts(M8 Bolts,M8 Washer)**

CABLE MANAGEMENT RAIL (REAR CABLE CABIN)



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)
400	1026.140	6 pcs.
400	1026.141	24 pcs.
600	1026.160	6 pcs.
600	1026.161	24 pcs.

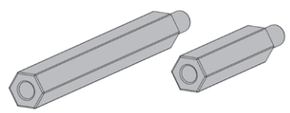
- Package includes **6/24 pcs. Cable Management Rail (Rear Cabling), Assembly Parts(M8 Bolts,M8 Washer)**

CABLE MANAGEMENT BRACKET

CABLE DIAMETER (mm)	REF. NO.	PACKAGE QTY. (pcs.)
8-14	1050.0814	30 pcs.
14-20	1050.1420	20 pcs.
20-28	1050.2028	15 pcs.

- Please check cable diameter for correct order.

M8 SPACER

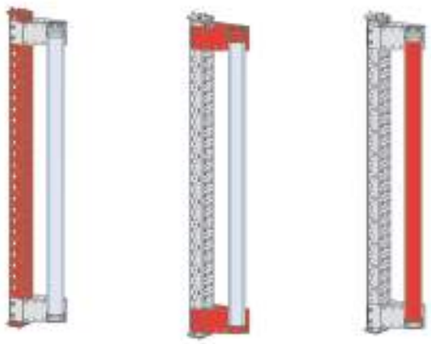


HEGIHT(H)	REF. NO.	PACKAGE QTY. (pcs.)
50	1026.005	12 pcs.
100	1026.010	12 pcs.

- Creates extra space for Cable Managment Rails.

TERMINAL RAILS

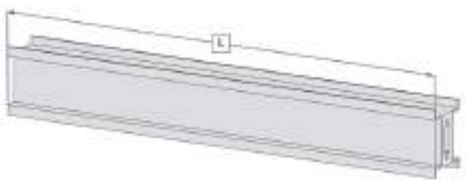
TERMINAL RAIL KIT



REF. NO.	PACKAGE QTY. (set)
1026.400	1 set

- Pack Information;
  - 2000mm Aluminium DIN Rail (1 pc.)
  - 1800mm Scissle Rail (1 pc.)
  - Terminal Rail Assembly Parts

ALUMINIUM DIN RAIL



LENGTH(mm)	REF. NO.	PACKAGE QTY. (pcs.)
2000	1026.320	5 pcs.

- Package includes **5pcs. 2000mm Aluminium DIN Rail.**

ALUMINIUM DIN RAIL HOLDER

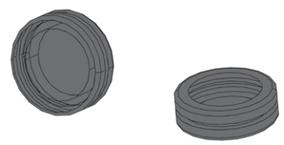
TYPE	REF. NO.	PACKAGE QTY. (pcs.)
FLAT	1026.500	10 pcs.

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
VERTICAL	1026.600	10 pcs.

- For creating DIN Rail assembly options.

CABLE EQUIPMENTS

DIAPHRAM GROMMETS



CABLE DIAMETER (mm)	REF. NO.	PACKAGE QTY. (pcs.)
<29	1026.729	10 pcs.
<39	1026.739	10 pcs.

- Please check cable diameter for correct order.

WARNING LABELS

ELECTRICAL SHOCK WARNING LABELS

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Electrical Shock Warning Label (88x97)	1052.001	1 pc.
Electrical Shock Warning Label (88x97)	1052.002	5 pcs.
Electrical Shock Warning Label (178x196)	1052.003	1 pc.
Electrical Shock Warning Label (178x196)	1052.004	5 pcs.

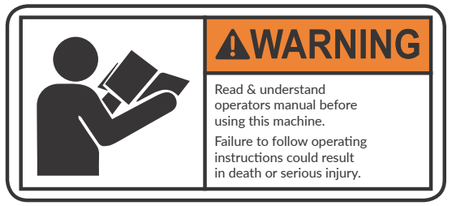
- Please check project/design for correct order.

ENCLOSURE WARNING LABELS

LANG.	TYPE	REF. NO.	PACKAGE QTY. (pcs.)
ENG	Enclosure Warning Label	1052.005	1 pcs.
ENG	Enclosure Warning Label	1052.006	5 pcs.

- Please check project/design for correct order.

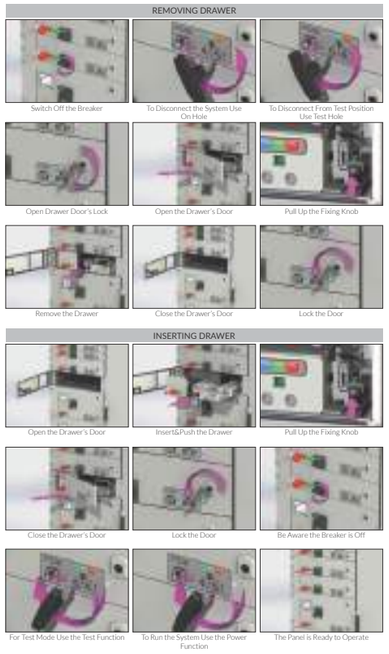
USER MANUAL WARNING LABELS



LANG.	TYPE	REF. NO.	PACKAGE QTY. (pcs.)
ENG	User Manual Warning Label	1052.007	1 pcs.
ENG	User Manual Warning Label	1052.008	5 pcs.

- Please check project/design for correct order.

MCC DRAWER INSTRUCTION LABELS



LANG.	TYPE	REF. NO.	PACKAGE QTY. (pcs.)
ENG	MCC Drawer Instruction Label Set	1052.009	1 pcs.
ENG	MCC Drawer Instruction Label Set	1052.010	5 pcs.

- Please check project/design for correct order.
- Package includes;
  -1052.009: **1 pc. MCC Drawer Instruction, 3 pcs. Do not Drill Label**
  -1052.010: **5 pc. MCC Drawer Instruction, 15 pcs. Do not Drill Label**

VENTILATION ACCESSORIES

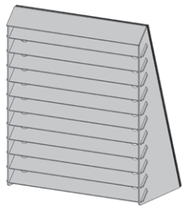
REAR PANEL VENTILATION

REAR PANEL VENTILATION FAN

WIDTH(W)	TYPE	Hz	Input (W)	* AIR FLOW (m^3 / h)	REF. NO.	PACKAGE QTY. (pcs.)
400	230V	50	45	325 m^3/hour	1067.400	1 pc.
		60	39	380 m^3/hour		
600	230V	50	90	650 m^3/hour	1067.600	1 pc.
		60	78	760 m^3/hour		
800	230V	50	90	650 m^3/hour	1067.800	1 pc.
		60	78	760 m^3/hour		

* Empty Fan Capacity

REAR PANEL VENTILATION IP53 KIT



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY (Pcs.)
400	1067.100	1 pcs.	1
600	1067.100	1 pcs.	2
800	1067.100	1 pcs.	2

● Package includes **1 pc. IP53 Filter, 1 pc. IP53 Cover, Assembly Parts**

AIR FILTER

WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY (Pcs.)
300	1067.003	1	*
400	1067.004	1	*
600	1067.006	1	*
800	1067.008	1	*

REQUIRED QTY (Pcs.)	
SOLID FRONT DOOR	2
GLAZED FRONT DOOR	2
REAR PANEL	5
FRONT PANEL	4
FIXED TOP PARTIAL COVER (TOP BUSBAR)	2
FIXED TOP PARTIAL COVER (MID BUSBAR)	1
FIXED BATTOM PARTIAL COVER	1

● Package includes 1 pc. air filter, 2 pc. air filter wire and assembly parts.

LOCK ACCESSORIES

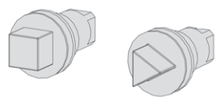
LINEAR HANDLE LOCKS

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Teos Linear Handle Lock (EuroKey 5333)	950.103	1 pcs.
Teos Linear Handle Lock (Double Bit 5mm)	950.123	1 pcs.

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Double Bit Insert (5mm)	951.250	1 pcs.
Square Insert (8mm)	951.251	1 pcs.
Triangle Insert (9mm)	951.252	1 pcs.
Euro Key Insert	951.253	1 pcs.

● Package includes only **Lock Insert/Driver.**

QUARTER TURN LOCKS



TURN	TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Right	Quarter Turn Lock (Double Bit 5mm)	951.121	1 pcs.
Left	Quarter Turn Lock (Double Bit 5mm)	951.122	1 pcs.

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Double Bit (5mm)	951.260	1 pcs.
Square Insert (8mm)	951.261	1 pcs.
Triangle Insert (9mm)	951.262	1 pcs.

● Package includes only **Lock Insert/Driver.**

OPTIONAL LOCKS

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Cam Lock (Wing Knob)	951.131	1 pcs.

- Lock Type : EuroKey (5333)

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Cam Lock (T Handle)	951.132	1 pcs.

- Lock Type : EuroKey (5333)

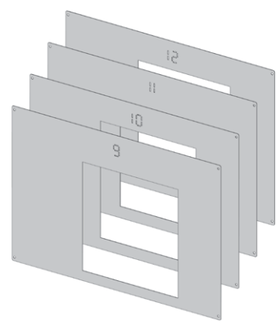
KEYS

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
Double Bit Metal Key (5mm)	952.101	1 pcs.
Square Key (8mm)	952.102	1 pcs.
Triangle Key (9mm)	952.103	1 pcs.
Euro Key	952.300	1 pcs.

TEMPLATES

TEMPLATES FOR METHOD B

For External Door



For Internal Door

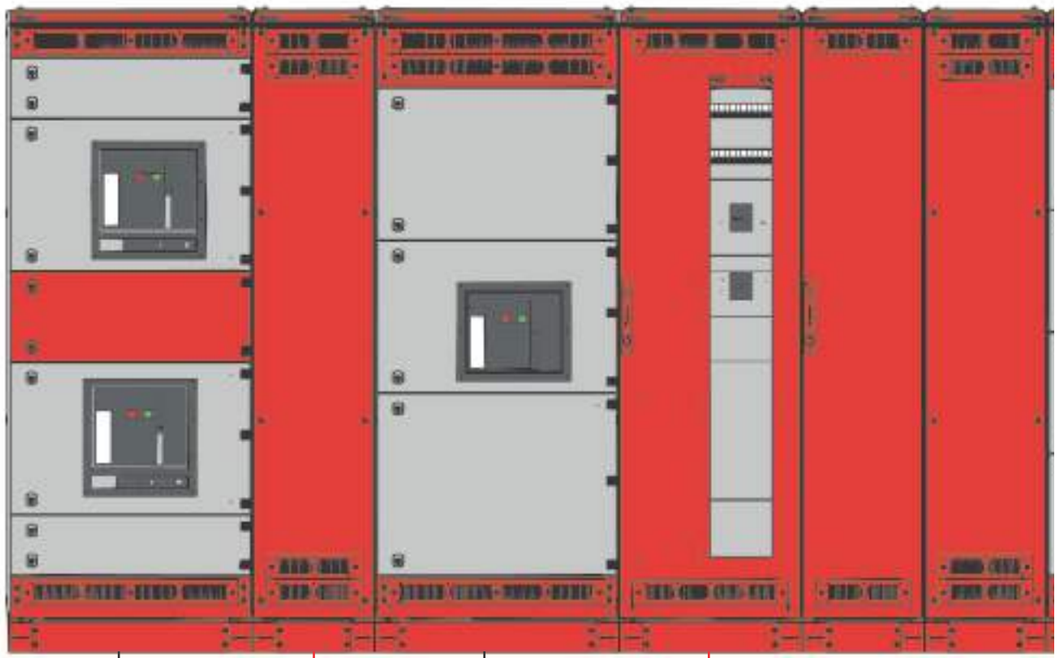
NAME	REF. NO.
SCH NW08-40/MTZ2 Template Pack	1068.001
ABB E2.2 Template Pack	1068.002
ABB E4.2 Template Pack	1068.003
SIE 3WL12 Template Pack	1068.004

Every Template Pack Includes;
- 2 x Internal Door Fixed-with Excutcehon
- 2 x Internal Door Drawable-with Excutcehon
- 2 x Internal Door Fixed-with U-Gaket Closed
- 2 x Internal Door Drawable-with U-Gasket Closed
- 2 x External Door Fixed-with Excutcehon
- 2 x External Door Drawable-with Excutcehon
- Templates Pack includes specific cutouts for different Brands' ACB Type and model.
- Colour: **RAL 7035**
- Material: **1,2mm Mild Steel**

WEDGE LOCK WASHER

TYPE	REF. NO.	PACKAGE QTY. (pcs.)
M8	1035.131	20 pcs.
M10	1035.231	20 pcs.
M12	1035.331	20 pcs.

- Technical Info: 8.8
- Coating: Blue Passivation

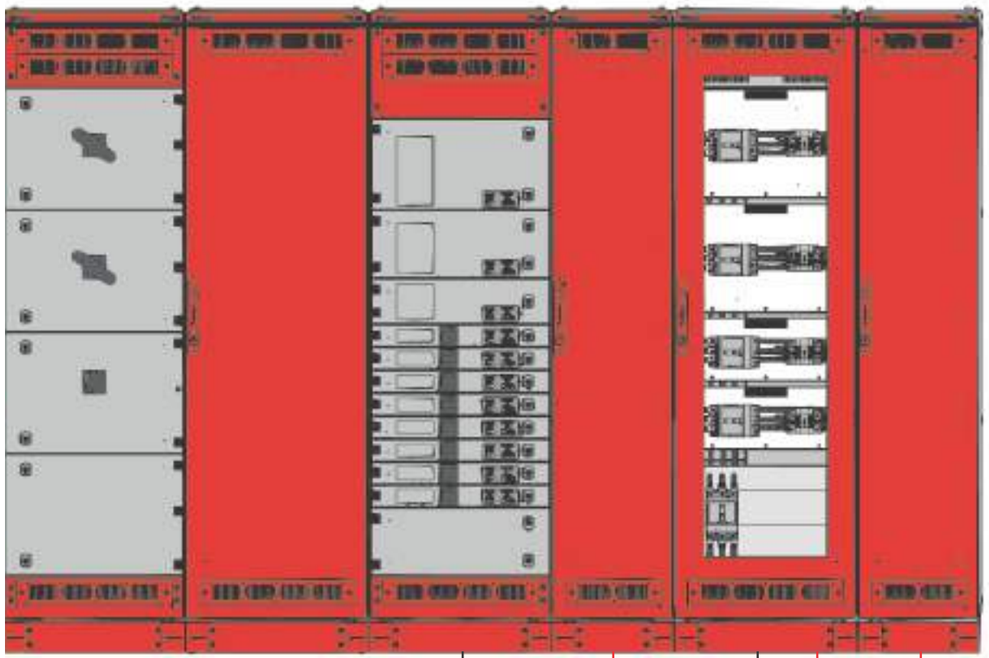


ACB Module(Mid) 800Wx800D		
	Ref No.	Qty.
Main Frame	1001.882	1
	702.200	1
	1005.188	1
	708.100	1
	709.180	1
	710.180	1
Busbar	1010.280	1
	1009.001	2
	1009.011	2
	1011.108	2
	1011.008	2
	1012.001	1
	1044.4088	1

Convert 400Wx800D		
	Ref No.	Qty.
Main Frame	1001.482	1
	702.200	1
	1005.148	1
	708.100	1
	709.140	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.021	1
	1009.001	2
	1011.108	1
	1011.008	1
Busbar (Vertical)	1010.380	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1021.4040	8
Busbar (Mid)	1010.280	1
	1009.001	2
	1009.011	2
	1011.108	2
	1011.008	2
	1012.001	2

ACB Module (Top)- Rear Cabling 800Wx800D		
	Ref No.	Qty.
Main Frame	1001.882	1
	702.200	1
	1005.188	1
	708.100	1
	709.180	1
	710.180	1
Busbar	1010.180	1
	1009.001	2
	1009.011	2
	1011.108	2
	1011.008	2
	1012.001	1
	1044.4088	1

Combined Feeder 600Wx800D		
	Ref No.	Qty.
Main Frame	1001.682	1
	702.200	1
	1005.268	1
	708.100	1
	709.160	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
Busbar (Vertical)	1012.001	2
	1006.001	4
	944.425	4
	944.421	4
	1006.010	4
	1008.180	4
	1013.580	1



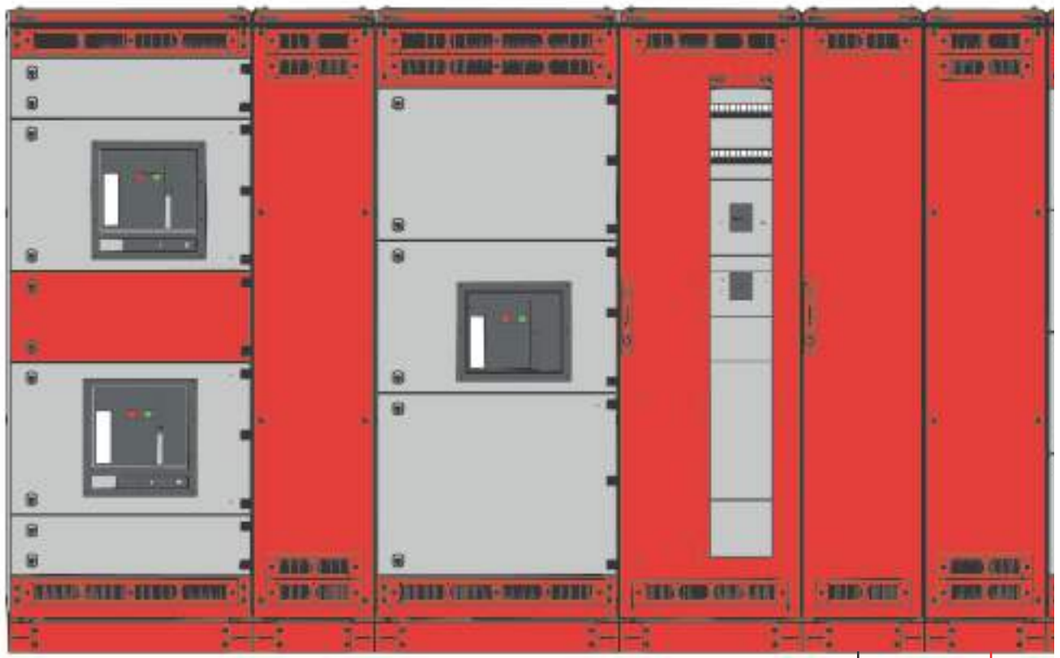
MCC 600Wx800D		
	Ref No.	Qty.
Main Frame	1001.682	1
	702.200	1
	1005.168	1
	708.100	1
	709.160	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1

Cabling 400Wx800D		
	Ref No.	Qty.
Main Frame	1001.482	1
	702.200	1
	1005.148	1
	708.100	1
	709.140	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1

PFC (Type-1) 600Wx800D		
	Ref No.	Qty.
Main Frame	1001.682	1
	702.200	1
	1005.168	1
	708.100	1
	709.160	1
	710.180	1
Busbar	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1
	1035.4090	6

PFC (Type-2) 600Wx800D+400Wx800D		
	Ref No.	Qty.
Main Frame	1001.682	1
	1001.482	1
	702.200	2
	1005.148	1
	1005.168	1
	708.100	2
	709.140	1
	709.160	1
	710.180	2
Busbar	1010.180	2
	1009.011	4
	1009.001	4
	1011.108	4
	1011.008	4
	1012.001	2
	1035.4090	6

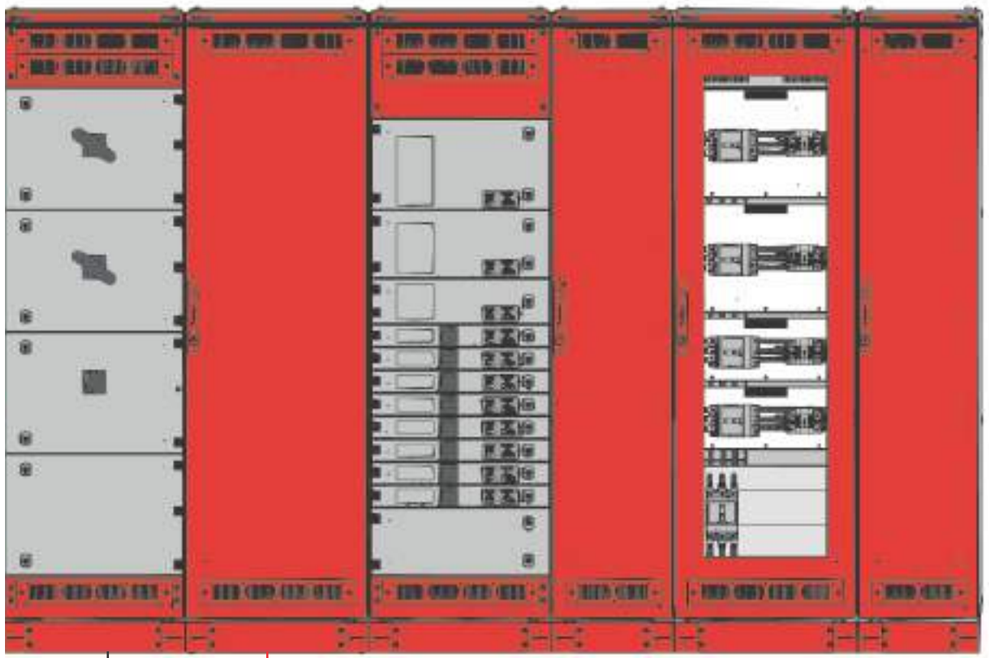
A5 ORDERING



Cabling 400Wx800D	Ref No.	Qty.
Main Frame	1001.482	1
	702.200	1
	1005.148	1
	708.100	1
	709.140	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1

Distribution 400Wx800D	Ref No.	Qty.
Main Frame	1001.482	1
	702.200	1
	1005.148	1
	708.100	1
	709.140	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
Busbar (Vertical)	1010.480	2
	1009.012	4
	1009.002	4
	1011.105	4
	1011.005	4
	1012.001	1

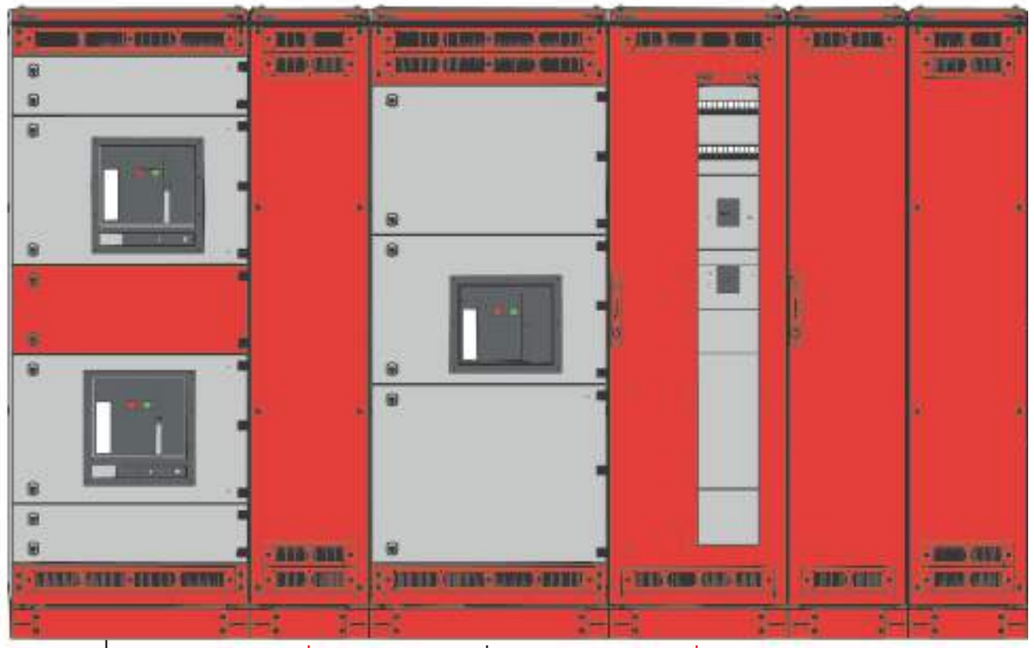
A5 ORDERING



Feeder 600Wx800D	Ref No.	Qty.
Main Frame	1001.682	1
	702.200	1
	1005.168	1
	708.100	1
	709.160	1
	710.180	1
Busbar	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1

Cabling (Rear) 600Wx800D	Ref No.	Qty.
Main Frame	1001.682	1
	702.200	1
	1005.168	1
	708.100	1
	709.160	1
	710.180	1
Busbar (Top)	1010.180	1
	1009.011	2
	1009.001	2
	1011.108	2
	1011.008	2
	1012.001	1

A5 ORDERING



ACB Module(Mid) — 800Wx800D

	Ref No.	Qty.
System-2 Separation	1006.001	1
	944.425	1
	944.421	1
	1006.010	1
	1008.180	1
	1013.580	1
	1014.885	2
	1017.800	1
Front-Rear Panels	1016.810	1
	1018.810	1
	853.830	1
	1003.820	1
	1003.001	1
	1067.008	7
Plinth	708.100	1
	709.180	1
	710.180	1

Convert — 400Wx800D

	Ref No.	Qty.
Main Frame	1023.180	1
	1023.280	1
Busbar (Top)	1020.420	1
	1003.420	1
	1067.004	9
Busbar (Vertical)	708.100	1
	709.140	1
	710.180	1

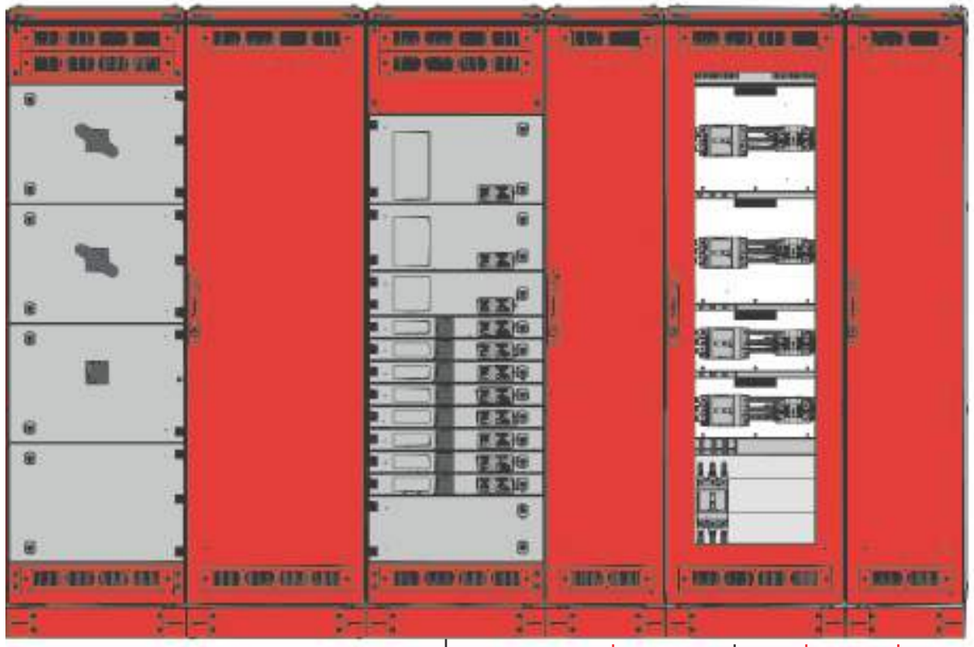
ACB Module (Top) - Rear Cabling — 800Wx800D

	Ref No.	Qty.
System-2 Separation	944.425	1
	944.429	1
	944.421	1
	1006.018	1
	1014.885	1
	1014.890	2
	1008.180	1
	1013.080	1
Front-Rear Panels	1016.820	1
	1018.810	1
	1003.820	1
	1003.001	1
	1067.008	8
ACB Rear Cabling	1001.842	1
	702.200	1
	1005.184	1
	1003.002	1
	1023.380	1
	1055.080	1
	944.421	1
	944.422	1
	706.204	1
	708.100	1
	709.180	1
	710.140	1
Plinth	708.100	1
	709.180	1
	710.180	1

Combined Feeder — 600Wx800D

	Ref No.	Qty.
System-2 Separation	1027.003	1
	944.425	1
	944.429	1
	944.421	1
	1006.018	1
	1013.040	1
	1008.040	1
	1014.880	1
	1014.890	1
	1007.418	1
	1002.622	1
	1003.820	1
	1067.060	7
Plinth	708.100	1
	709.160	1
	710.180	1

A5 ORDERING



MCC — 600Wx800D

	Ref No.	Qty.
MCC System	1006.005	1
	944.421	1
	1100.012	1
	1100.001	1
	1100.027	3
	1100.027	1
Front-Rear Panels	1003.620	1
	1003.001	1
	1067.060	8
	1036.080	8
	1036.001	1
Plinth	708.100	1
	709.160	1
	710.180	1

Cabling — 400Wx800D

	Ref No.	Qty.
System-2 Separation	944.425	1
	944.421	1
	1025.080	1
	1025.248	1
	1026.005	1
	1027.002	1
	1008.040	1
	1013.040	1
Front-Rear Panels	1002.420	1
	1003.420	1
	1067.040	7
Plinth	708.100	1
	709.140	1
	710.180	1

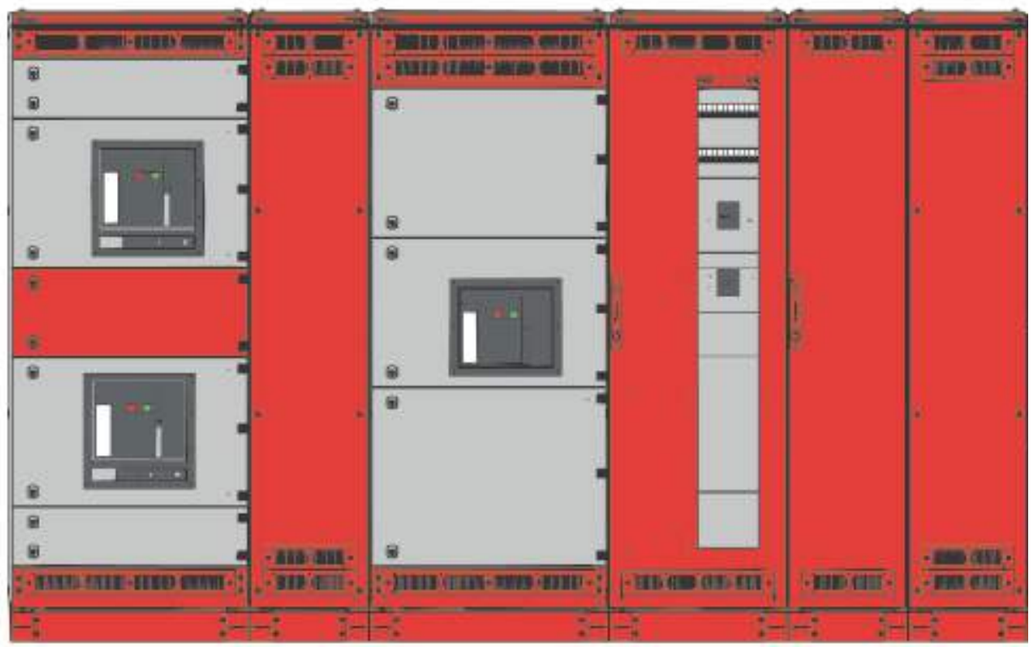
PFC (Type-1) — 600Wx800D

	Ref No.	Qty.
System-2 Separation	944.425	1
	944.429	1
	944.421	1
	1070.004	1
	1013.060	1
	1070.0005	1
Front-Rear Panels	725.620	1
	1003.620	1
	1067.060	7
Plinth	708.100	1
	709.160	1
	710.180	1

PFC (Type-2) — 600Wx800D+400Wx800D

	Ref No.	Qty.
System-2 Separation	944.425	1
	944.429	1
	944.421	1
	1070.004	1
	1008.140	1
	1013.060	1
	1013.040	1
	1070.0005	1
	725.620	1
	1002.420	1
	1003.420	1
	1003.620	1
	1067.040	7
	1067.060	7
Plinth	708.100	2
	709.140	1
	709.160	1
	710.160	1
	710.180	1

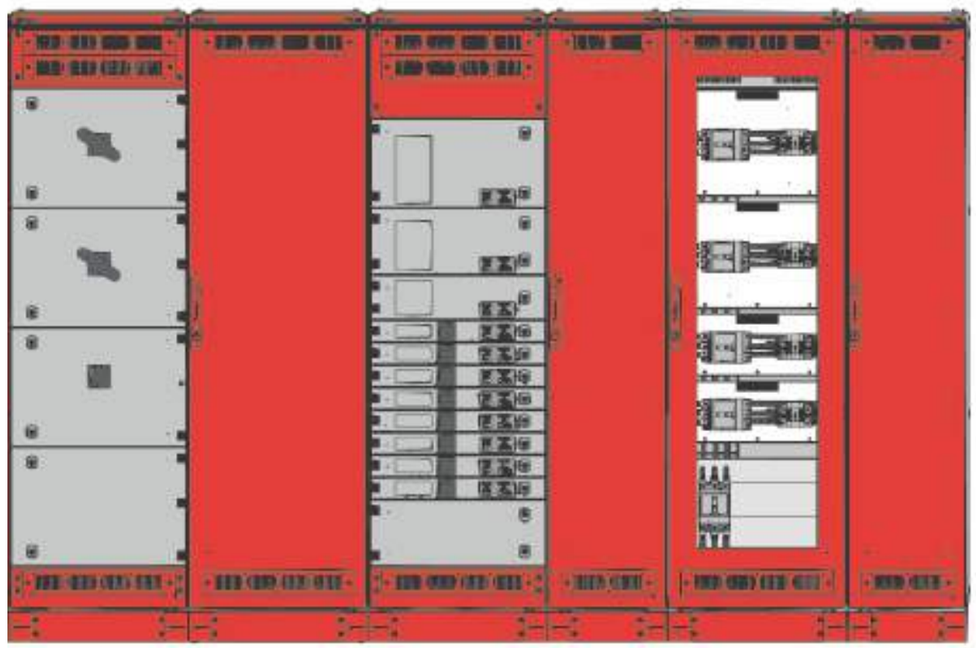
A5 ORDERING



Cabling		
400Wx800D		
	Ref No.	Qty.
System-2 Separation	944.425	1
	944.421	1
	1025.080	1
	1025.248	1
	1026.005	1
	1027.002	1
	1008.040	1
	1013.040	1
	1002.420	1
	1003.420	1
	1067.040	7
Plinth	708.100	1
	709.140	1
	710.180	1

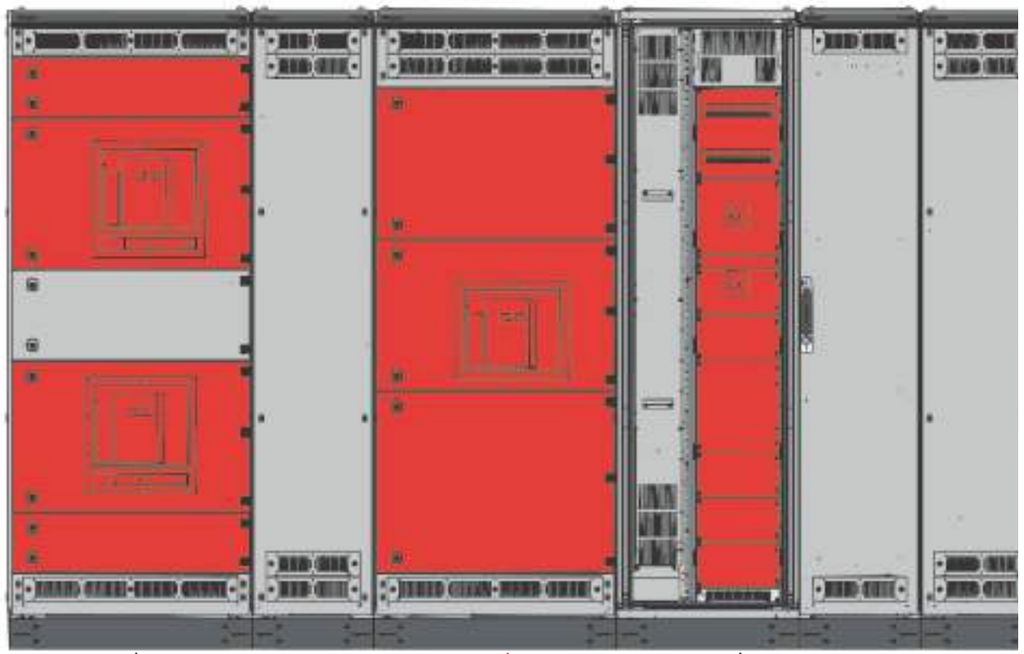
Distribution		
400Wx800D		
	Ref No.	Qty.
System-2 Separation	1012.4016	4
	1012.002	2
	1024.280	1
Front-Rear Panels	1020.420	1
	1003.420	1
	1067.004	9
Group Baying	1036.080	8
	1036.001	1
Plinth	708.100	1
	709.140	1
	710.180	1

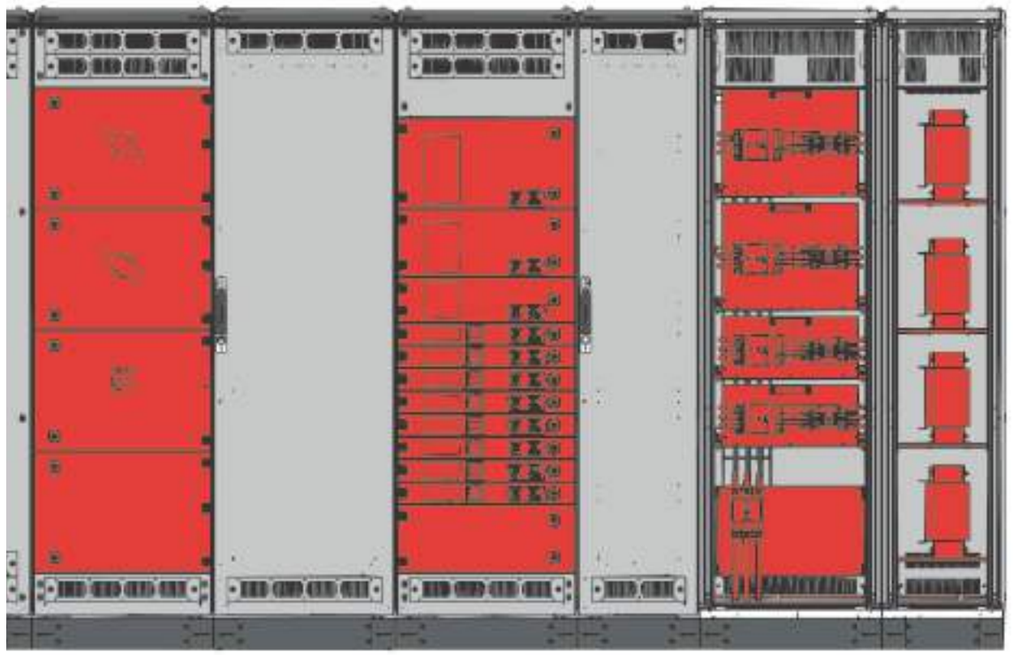
A5 ORDERING



Feeder		
600Wx800D		
	Ref No.	Qty.
System-2 Separation	944.425	1
	944.429	1
	944.421	1
	1006.018	1
	1014.880	2
	1014.890	2
	1008.060	1
	1013.060	1
	1016.620	1
	1018.610	1
	1003.620	1
	1003.001	1
	1067.060	8
Plinth	708.100	1
	709.160	1
	710.180	1

Cabling (Rear)		
600Wx800D		
	Ref No.	Qty.
System-2 Separation	944.425	1
	944.421	1
	1025.080	1
	1025.268	1
	1026.005	1
	1027.002	1
	1008.060	1
	1013.060	1
	1002.620	1
	1003.621	1
	1028.100	1
	1067.060	4
Plinth	708.100	1
	709.160	1
	710.180	1





ACB Module (Mid)
800wx800D

External	Ref. No.	Qty.
Frame	1037.001	1
	1038.820	1
Separation	1033.200	2
	1032.080	1
Door	853.820	1

External	Ref. No.	Qty.
Frame	1029.0080	1
Separation	1034.850	1
	1033.425	1
	1032.085	1
Door	853.850	1
	1043.4080	6
	1043.2080	2
	1009.013	2
	1009.003	2
	1011.110	2
	1011.010	2
	1031.820	1
	1031.0800	2

External	Ref. No.	Qty.
Frame	1029.0080	1
Separation	1034.850	1
	1033.425	1
	1032.085	1
Door	853.850	1
Busbar/Cable Connection	1009.013	2
	1009.003	2
	1011.110	2
	1011.010	2
	1031.820	1
	1031.0800	2

External	Ref. No.	Qty.
Frame	1037.001	1
	1038.820	1
Separation	1033.200	2
	1032.080	1
Door	853.820	1

ACB Module (Top)
800wx800D

External	Ref. No.	Qty.
Frame	1037.001	1
	1038.850	1
Separation	1033.500	2
	1032.080	1
Door	853.850	1

External	Ref. No.	Qty.
Frame	1037.001	1
	1038.860	1
Separation	1033.600	2
	1032.080	1
Door	853.860	1

External	Ref. No.	Qty.
Frame	1029.0080	1
Separation	1034.850	1
	1033.425	1
	1032.085	1
Door	853.850	1
Busbar/Cable Connection	1047.4040	3
	1048.4040	1
	1009.013	2
	1009.003	2
	1011.110	2
	1011.010	2
	1031.820	1
	1031.0800	2

Combined Feeder
800wx800D

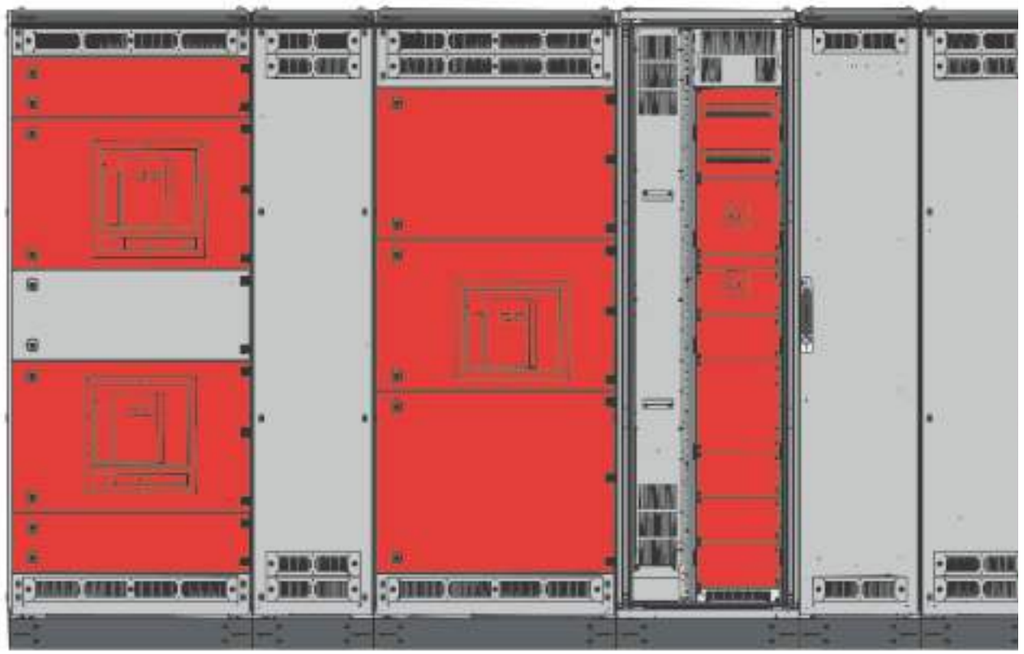
Internal	Ref. No.	Qty.
Frame	1037.001	1
	1038.430	1
	1046.130	1
	1046.130	2
Separation	1033.300	2
	1032.040	1
Door	954.431	1
Busbar/Cable Connection	1051.120	3
	1035.2040	3

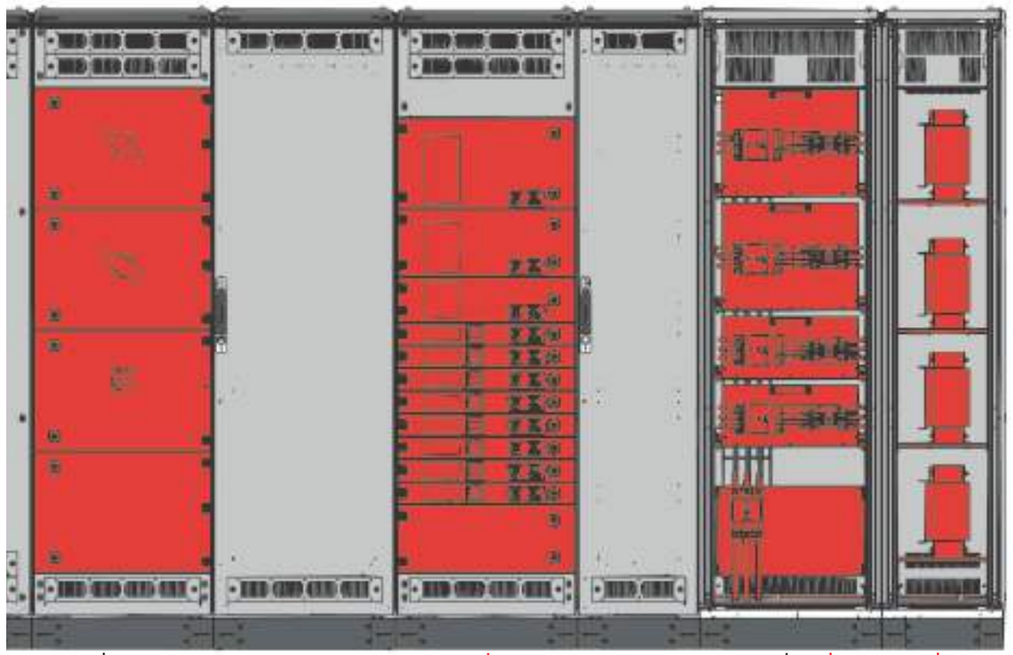
Internal	Ref. No.	Qty.
Frame	1037.001	1
	1045.420	1
	1039.020	1
	1039.200	1
	1040.001	1
Separation	1041.020	2
	1032.040	1
	1042.020	1
Door	954.425	1

Internal	Ref. No.	Qty.
Frame	1037.001	1
	1045.425	1
	1039.025	1
	1039.200	1
	1040.001	1
Separation	1041.025	2
	1032.040	1
	1042.025	1
Door	954.425	1

Internal	Ref. No.	Qty.
Frame	1037.001	1
	1038.460	1
Separation	1033.600	2
	1032.040	1
Door	954.460	1

Internal	Ref. No.	Qty.
Frame	1037.001	1
	1038.430	1
Separation	1033.300	2
	1032.040	1
	1042.030	1
Door	954.460	1





Feeder			
600Wx800D			
External	Ref. No.	Qty.	
Frame	1037.001	1	x2
	1045.640	1	
	1039.040	1	
	1039.300	1	
Separation	1040.002	1	
	1041.040	2	
	1032.060	1	
	1042.040	1	
Door	853.640	1	
	1064.640	1	
Busbar/Cable Connection	1051.050	4	
	1035.4100	4	

External	Ref. No.	Qty.
Frame	1037.001	1
	1045.630	1
	1039.030	1
	1039.300	1
Separation	1040.002	1
	1041.030	2
	1032.060	1
	1042.030	1
Door	853.630	1
	1064.630	1
Busbar/ Cable Connection	1051.030	4
	1035.4120	4

MCC		
600Wx800D		
External	Ref. No.	Qty.
Frame	1100.105	1
Mounting Plate	1100.442	1
Door	1100.330	1
Form4 Box	1100.450	1
Safety Eqp.	1100.460	1
	1100.480	1
Socket Connection	1100.501	1
	1100.505	4

External	Ref. No.	Qty.
Frame	1100.106	1
	1100.420	1
Door	1100.315	1
Safety Eqp.	1100.460	1
	1100.480	1
Socket Connection	1100.501	1
	1100.505	4

External	Ref. No.	Qty.
Frame	1100.107	1
	1100.420	1
Door	1100.322	1
Safety Eqp.	1100.460	1
	1100.480	1
Socket Connection	1100.501	1
	1100.505	4

External	Ref. No.	Qty.	
Frame	1100.100	1	x8
	1100.400	1	
Door	1100.307	1	
Safety Eqp.	1100.460	1	
	1100.480	1	
Socket Connection	1100.501	1	
	1100.505	4	

External	Ref. No.	Qty.
Door	853.622	1

PFC (Type-1)		
600Wx800D		
Internal	Ref. No.	Qty.
Frame	1070.0001	1
Mounting Plate	1070.0375	1
	1070.0002	2
Socket Conection	1070.0900	1

Internal	Ref. No.	Qty.
Frame	1070.0001	1
Mounting Plate	1070.0375	1
	1070.0002	1
Socket Connection	1070.0900	1

Internal	Ref. No.	Qty.	
Frame	1070.0001	1	x2
Mounting Plate	1070.0225	1	
	1070.0002	1	
Socket Connection	1070.0900	1	

Internal	Ref. No.	Qty.
Frame	1038.630	1
	944.436	1
	944.421	1

PFC (Type-2)		
600Wx800D + 400Wx800D		
Internal	Ref. No.	Qty.
Frame	1070.0001	1
Mounting Plate	1070.0375	1
	1070.0002	2
Socket Connection	1070.0900	1

Internal	Ref. No.	Qty.	
Frame	1070.003	1	x4
	944.425	1	
	944.421	1	

Internal	Ref. No.	Qty.
Frame	1070.0001	1
Mounting Plate	1070.0375	1
	1070.0002	1
Socket Connection	1070.0900	1

Internal	Ref. No.	Qty.	
Frame	1070.0001	1	x2
Mounting Plate	1070.0225	1	
	1070.0002	1	
Socket Connection	1070.0900	1	

Internal	Ref. No.	Qty.
Frame	1038.630	1
	944.436	1
	944.421	1

SECTION A
PRESENTATION & SELECTION GUIDES

It is a documents folder where products can be manually selected in detail from hardcopies.
It can be downloaded free of charge from our website or ordered as a hardcopy.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**
Hardcopy Order No: **1000.012**

DIMENSIONS A6

It is a document containing the product dimensions that will be required for assembly and planning.
Metric data was used as the unit of measurement.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**

SECTION B
ASSEMBLY GUIDES

It is a documents folder where products can be assembly and installation in detail from hardcopies.
It can be downloaded free of charge from our website or ordered as a hardcopy.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**
Hardcopy Order No: **1000.013**

SECTION C
INSTALLATION INSTRUCTIONS AT WORKSHOP

It is a document that contains instructions and specifications that must be followed during installation in order to ensure IEC 61439 -1&2 standards.
It can be downloaded free of charge from our website or ordered as a hardcopy.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**
Hardcopy Order No: **1000.014**

SECTION D
CONTROLS AT WORKSHOP

According to IEC 61439 -1&2, it is a documentation containing routine verifications that the assembly manufacturer must perform before delivery.
It can be downloaded free of charge from our website or ordered as a hardcopy.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**
Hardcopy Order No: **1000.015**

PDS LINE 2.0
ENGINNERING SUPPORT SOFTWARE FOR PLANNING

Designing projects are very easily and quickly thanks to manual or wizard versions options.
The software works with the cloud system that can be used from anywhere with membership access.

Go to **pdsline2.tekpan.com/index.html**

PDS LINE 2.0
USER GUIDE DOCUMENT

Designing projects are very easily and quickly thanks to manual or wizard versions options.
The software works with the cloud system that can be used from anywhere with membership access.

Go to **www.tekpan.com.tr/en/catalogue-and-datasheets.aspx**

PDS LINE 2.0
USER GUIDE VIDEO

Designing projects are very easily and quickly thanks to manual or wizard versions options.
The software works with the cloud system that can be used from anywhere with membership access.

Go to **www.tekpan.com.tr/technical center**

KMT-1000 CONTROL DESK 303

KMT-2000 CONTROL DESK 304

KMP-3000 CONTROL DESK 305

PC CABINET 306

CONTROL DESKS

- Hinged door on front-rear in KMT-2000 and KMP-3000.
- Standard damper support
- Single, fixed mounting plate for KMT-1000 series; double and sliding mounting plates for KMT-2000 and KMP-3000 series.
- Standard foamed gland plate
- Standard H100mm plinth

KMT - 1000 CONTROL DESK

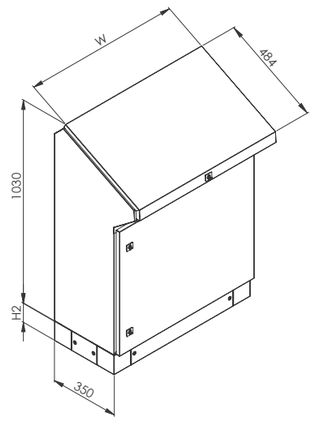
Material : Body, Doors : 1,50 mm Mild Steel + RAL 7035 electrostatic powder coating
Support plinth corner : 2.00 mm Galvanized steel+RAL 7035 electrostatic powder coating
Mounting plate : 2.00 mm Galvanized steel

IP Rate : IP55

Supply includes : 1 pcs compact body, 1 pcs door, 1 pcs top panel with damper, 1 pcs mounting plate, 1 set of gland plate with foam, 1 pcs H100 plinth

- Please see page 350-351 for the stainless steel version.
- Please see page 410 for technical drawings.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	DOOR TYPE
516.350	600	SINGLE
518.350	800	SINGLE
510.350	1000	DOUBLE
512.350	1200	DOUBLE



KMT - 2000 CONTROL DESK

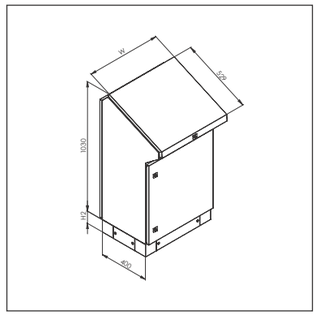
Material : Body, panels : 1,50 mm Mild Steel + RAL 7035 electrostatic powder coating
Support plinth corner : 2.00 mm Galvanized steel+RAL 7035 electrostatic powder coating
Mounting plate : 2.00 mm Galvanized steel

IP Rate : IP55

Supply includes : 1 pcs compact body, 1 pcs front door, 1 pcs top panel with damper, 1 pcs rear door, 2 pcs mounting plate, 1 pcs gland plate with foam, 1 set of H100mm plinth

- Standard top panel with damper
- Hinged, locked back door
- Two separate sliding mounting plates at the front and back.
- Please see page 350-351 for the stainless steel version.
- Please see page 411 for the technical drawings.

PRODUCT CODE	ENCLOSURE WIDTH (mm)	DOOR TYPE
526.400	600	SINGLE FRONT + REAR
528.400	800	SINGLE FRONT + REAR
520.400	1000	DOUBLE FRONT + REAR
522.400	1200	DOUBLE FRONT + REAR



KMP - 3000 CONTROL DESK

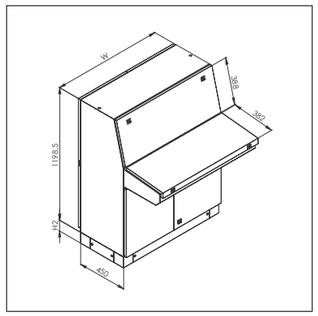
Material : Body, panels : 1,50 mm Mild Steel + RAL7035 electrostatic powder coating
Support plinth corner : 2.00 mm Galvanized steel + RAL 7035 electrostatic powder coating
Mounting plate : 2.00 mm Galvanized steel

IP Rate : IP55

Supply includes : 1 pcs main body, 1 pcs console body and damper panel, 1 pcs top panel, 1 pcs front panel, 1 pcs front door, 1 pcs rear door, 2 pcs mounting plates, 1 set of gland plate with foam, 100 mm plinth set

- Standard damper on the console panel
- Hinged door application on four separate surfaces: back door, front door, console panel and top panel.
- Two separate sliding mounting plate at the front and back.
- Please see page 412 for technical drawings.

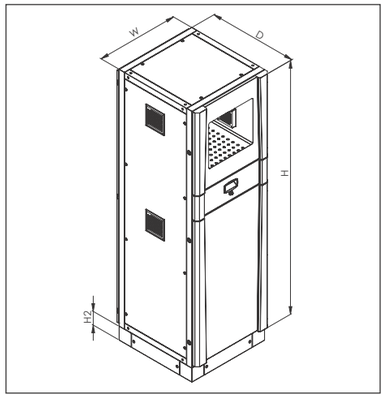
PRODUCT CODE	ENCLOSURE WIDTH (mm)	DOOR TYPE
538.450	800	SINGLE FRONT + REAR
530.450	1000	DOUBLE FRONT + REAR
532.450	1200	DOUBLE FRONT + REAR



PC CABINET

- Closed-system keyboard and mouse
- No dust-holding when keyboard and mouse used.
- Please see page 413 for technical drawings.

PC CABINET



Material : Completely steel material : 1,50 mm mild steel + RAL 7035 coating
Front frame : RAL 9005 coating
Glass : 4 mm tempered glass

IP Rate : IP55

Supply includes : 1 pcs body, openable back door, 2 pcs partial front doors, sliding keyboard part, 2 pcs fixed shelf, H100mm plinth, gland plate with foam, 4 pcs filters.

PRODUCT CODE	PC CABINET WIDTH (W)	PC CABINET HEIGHT (H+H2)	PC CABINET DEPTH (D)
406.186	600	1800+100	600
406.188	600	1800+100	800

FIXED SHELF

Material : 1,50 mm mild steel + RAL 7035 coating

Supply includes : 1 pcs fixed shelf and screws

PRODUCT CODE	PC CABINET WIDTH (W)	PC CABINET DEPTH (D)
941.266	600	600
941.268	600	800

MOVABLE SHELF

Material : 1,50 mm mild steel + RAL 7035 coating

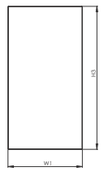
Supply includes : 1 pcs shelf rail

PRODUCT CODE	PC CABINET WIDTH (W)	PC CABINET DEPTH (D)
941.306	600	600
941.308	600	800

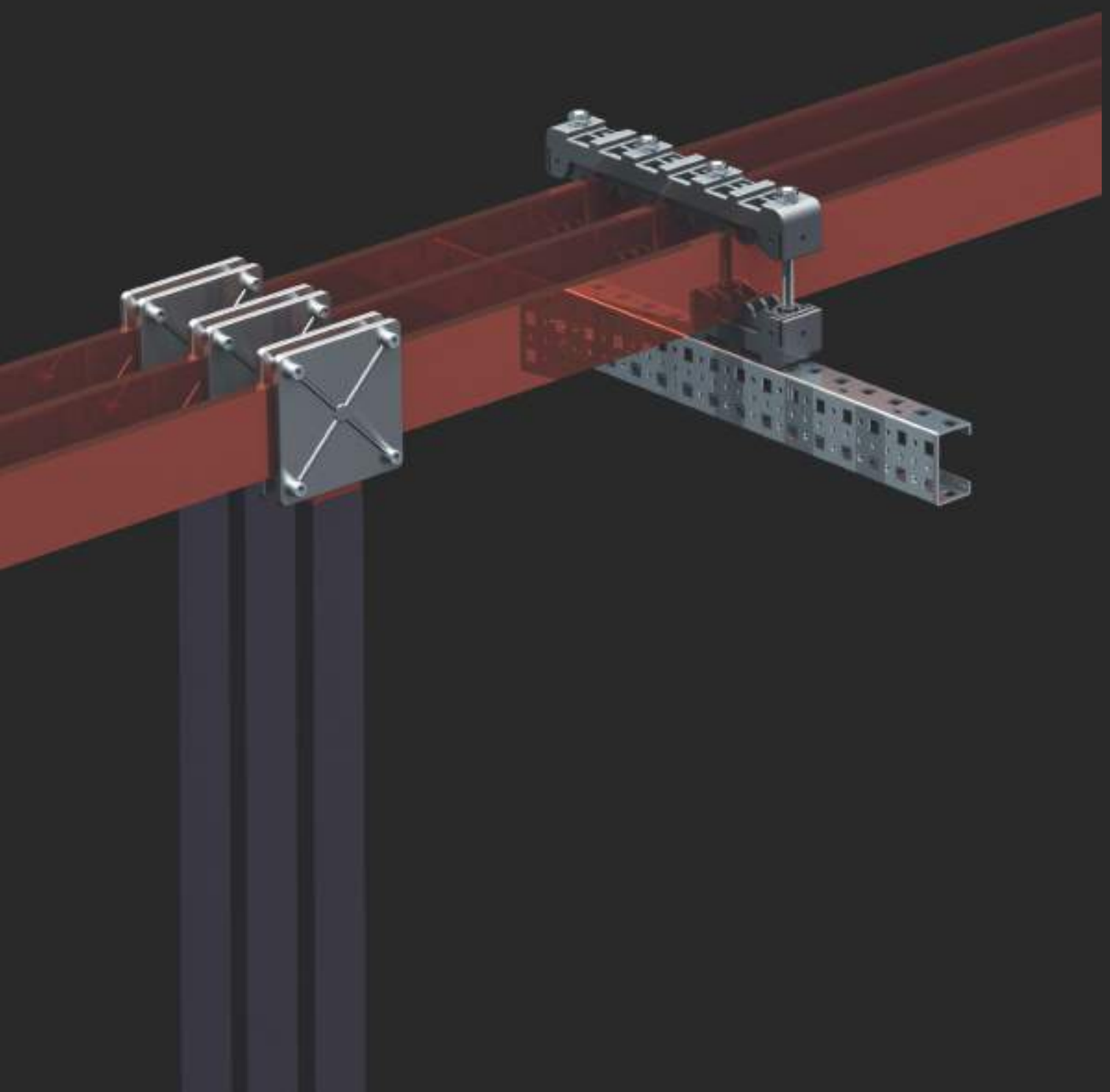
MOUNTING PLATE

Material : 2 mm Galvanized steel

Supply includes : 1 pcs mounting plate



PRODUCT CODE	PLATE WIDTH (W1)	PLATE HEIGHT (H3)
942.308	490	585
942.310	490	940



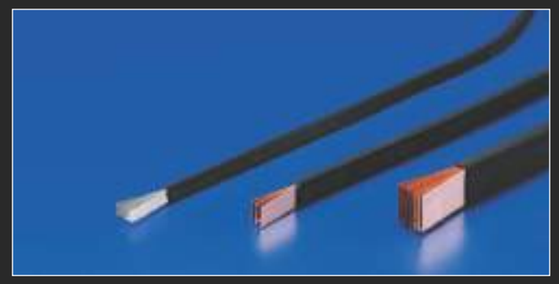
ADJUSTABLE BUSBAR SUPPORT 310

PDS BUSBAR SUPPORT SYSTEM 312

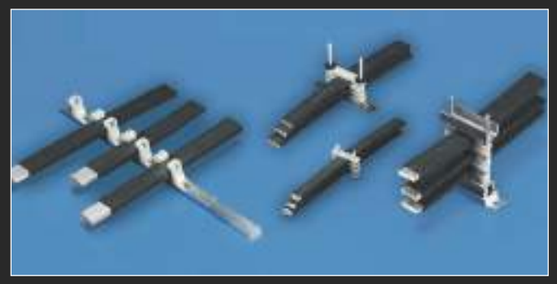
ADJUSTABLE, FLAT BUSBAR SUPPORTS 313

COMPACT BUSBAR 314

FLEXIBLE COPPER BUSBAR 316



FLEXIBLE BUSBAR BRACKETS 319



BUSBAR BRACKETS 320

ADJUSTABLE BUSBAR SUPPORT

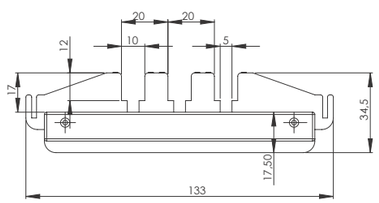
Material : Fibre-reinforced polyamid.

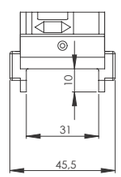
Supply includes : 2 pcs busbar support and combination screws.

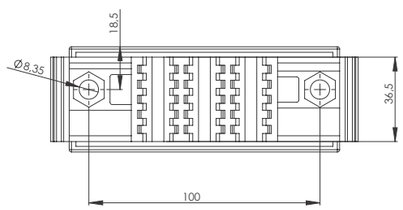
Product Code : Plug in type: **600.001 (1 set: 2 pcs)**
Open type : **600.101 (1 set: 2 pcs)**

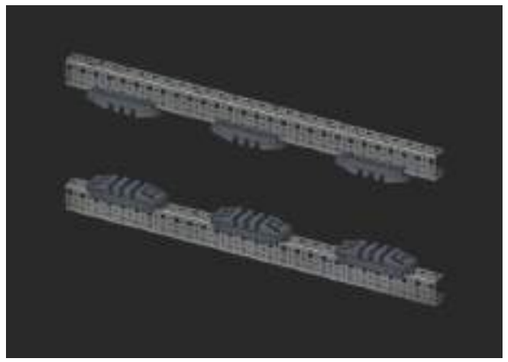
- Please see page 311 for application models.

- Distance between the busbar supports can be adjusted with 25mm steps.
- Easy mounting.
- Cost-effective solution.
- Operating range between -40°C and +130°C.
- Halogen-free.
- Fire protection in line UL 94 VO standard.
- Applicable to 5-10mm busbar cross-sections.
- Applicable to 30-120mm busbar sizes.
- Used in applications between 400A-4500A.
- 3 pcs flat copper application.



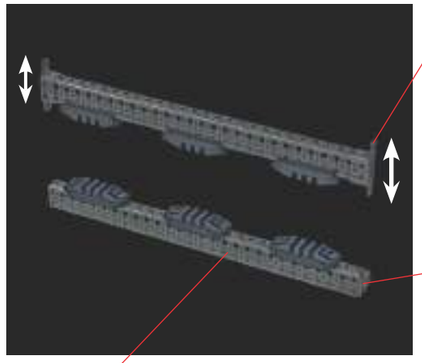






ADJUSTABLE BUSBAR SUPPORT

APPLICATION - 1



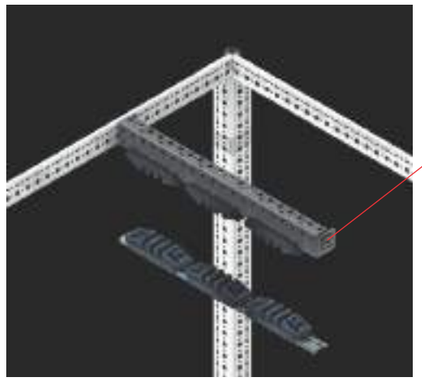
Adjustable Rail Bracket, Type T, page 174

Plug-in Rail Bracket, page 173

50x25 Scissile Rail page 171

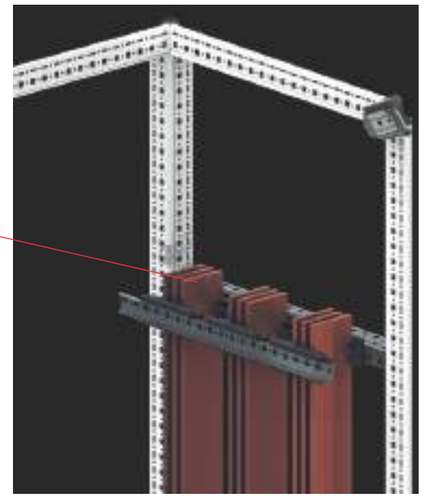
APPLICATION - 2

APPLICATION - 3



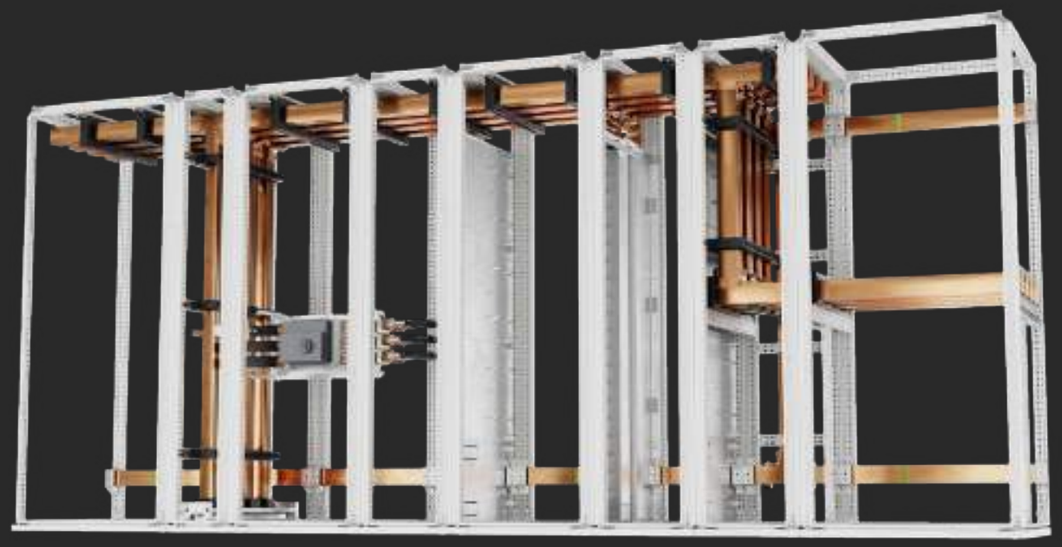
Adjustable Rail Bracket, Type L, page 175

APPLICATION - 4



Adjustable Rail Bracket, Type L, page 175

PDS BUSBAR SUPPORT SYSTEM

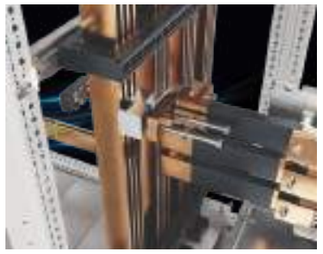


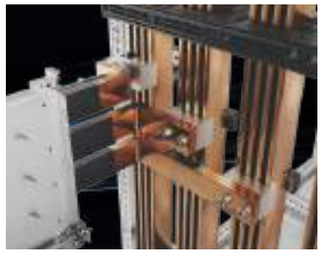
MAIN BUSBAR-DISTRIBUTION BUSBAR CONNECTION

For configrations please go to
PDS-Power Distribution Section
see page 208, 209 and 216, 218.

For ordering please go to
PDS-Power Distribution Section
see page 236, 247

DISTRIBUTION BUSBAR-MCCB (Compact Circuit Breaker) CONNECTION



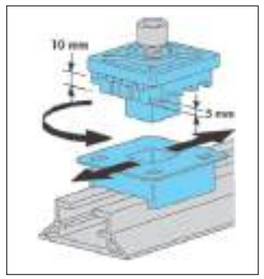


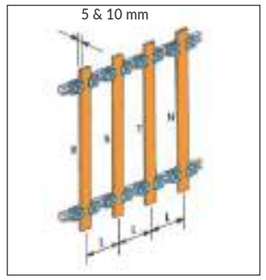
ADJUSTABLE, FLAT BUSBAR SUPPORTS

Product Code : **504.991** (12 pcs pack of)
Material : Polyamide, glass fibre reinforced

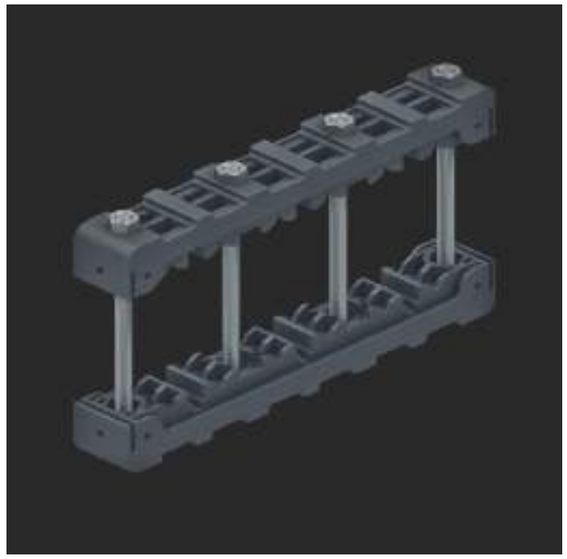
- Distance between the phases can be adjusted.
- Enables easy mounting.
- High resistance to short current power.
- Operating range between -40°C and -130°C
- Fire protection in line with UL 94 VO standard.
- Applicable to 5-10mm busbar cross-sections
- Copper busbar has flexibility.
- Application up till 2300A.

Heavy equipment profile, page 172





COMPACT BUSBAR SUPPORT



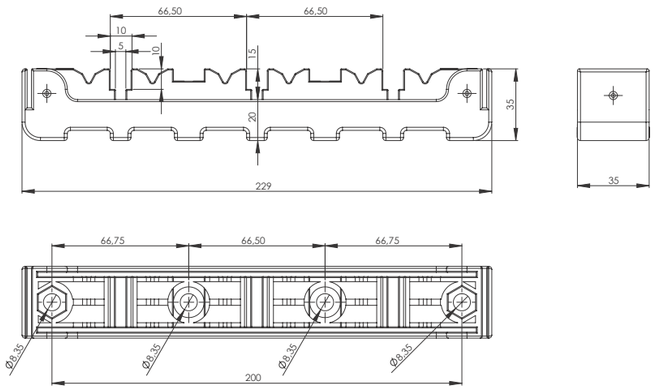
Material : Polyamide glass fibre reinforced.

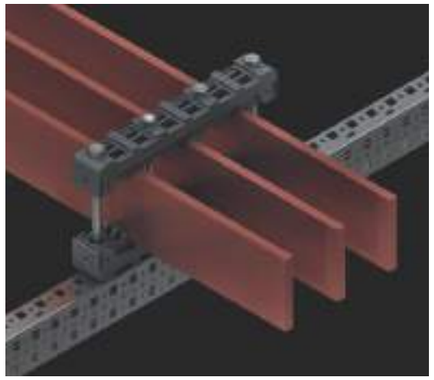
Supply Includes : 2 pcs busbar support and combination screws.

Product Code : **600.002** (1 set: 2 psc)

- The busbar supports can be adjusted with 25mm steps.
- Easy mounting
- Cost-effective solution

- Operating range between -40 oC and + 130 oC
- Halogen-free
- Fire protection in line with UL 94 VO standard.
- 4 screw fastening.
- Applicable to 5-10mm busbar cross-sections.
- Applicable to size 25-120 mm busbar.
- Can be used in applications between 250 A - 1600 A.
- Suitable for 3 phase application.

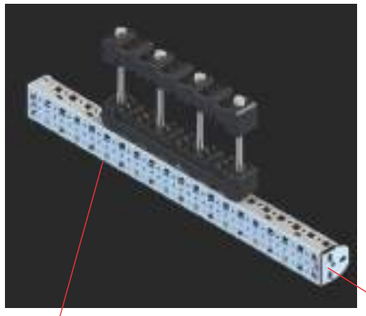




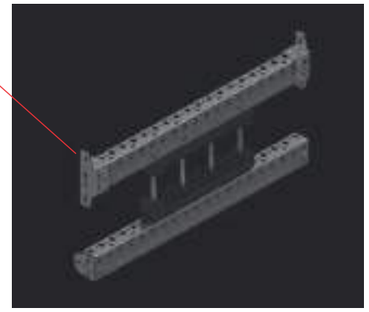
BUSBAR SUPPORTS AND BUSBARS

COMPACT BUSBAR SUPPORT

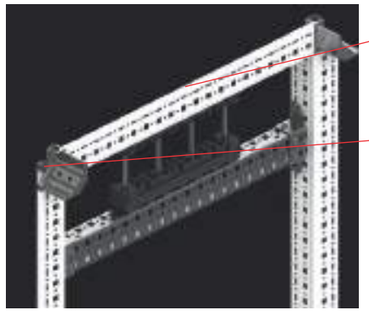
APPLICATION - 1



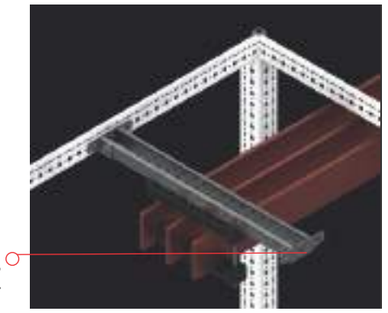
APPLICATION - 2



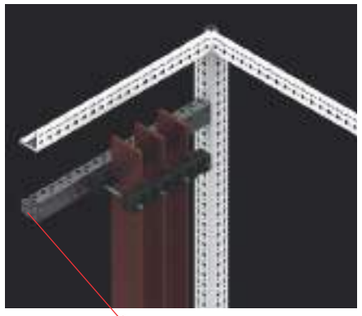
APPLICATION -3



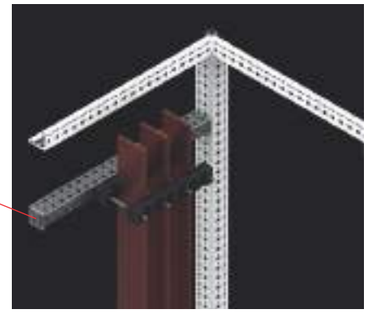
APPLICATION - 4



APPLICATION - 5



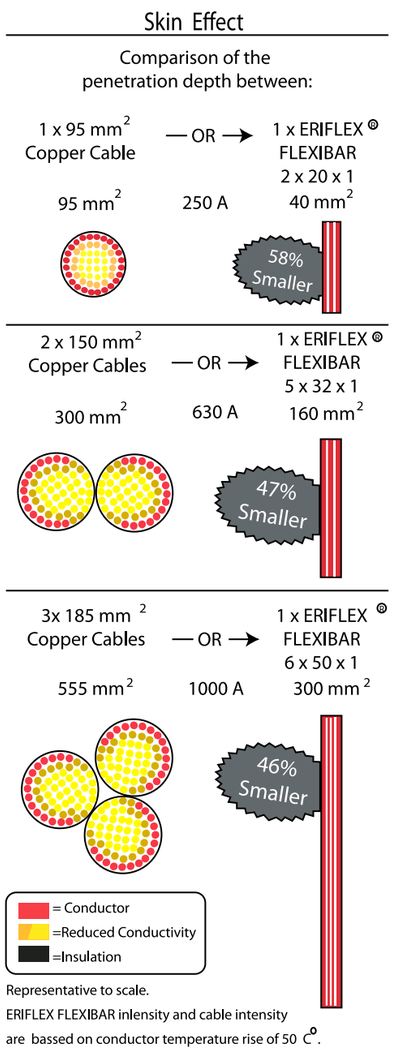
APPLICATION - 6



FLEXIBLE COPPER BUSBARS

ERIFLEX®

ERICO®

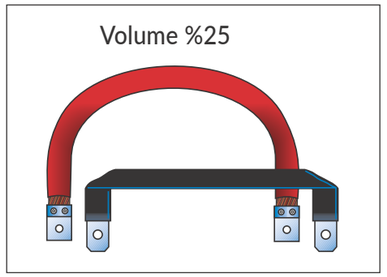


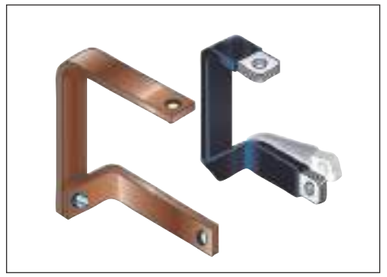
Representative to scale.
ERIFLEX FLEXIBAR inlensity and cable intensity are bassed on conductor temperature rise of 50 C°.

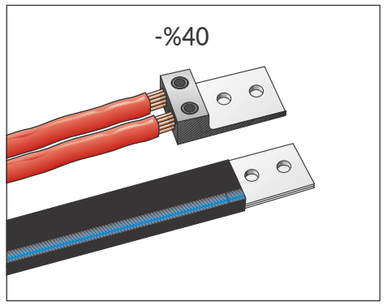
- Made from electrolyte conductive copper.
- Highly-protected support.Made from self-extinguishing PVC or silicon composition.
- Maximum bending and turning.
- Operating range between -25 Co and +150 Co.
- High flexibility: 370%
- Nominal Voltage: 1000V AC/ 1500 V DC

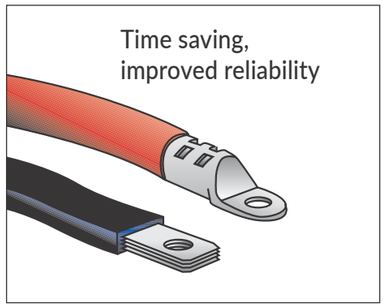
BUSBAR SUPPORTS AND BUSBARS

FLEXIBLE COPPER BUSBARS





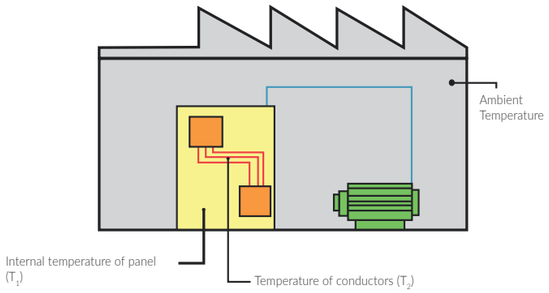




FLEXIBLE COPPER BUSBARS

ERICO

SELECTION OF ERIFLEX FLEXIBAR ACCORDING TO THE INTERNAL TEMPERATURE OF THE PANEL



Temperature rise of conductor = T_2 - T_1 = ΔT (K)

Ex.: For a current of 630 A, with

T_1 = 40°C - T2 = 90°C

1) ΔT = 90 - 40 = 50 K

2) In the 50°C column, find the closest current value to 630A.
ERIFLEX FLEXIBAR 5 x 32 x 1 - 552650 - 160 mm² - 640A

3) Select ERIFLEX FLEXIBAR according to the terminal width of the equipment being connected.

ADMISSIBLE CURRENTS : This table indicates the temprature rise produced by choosen current in the given section.
This calculation does not take into account the heat dissipation from the switch gear.

A	PRODUCT CODE with Tinned Copper	UNIT METER	PACKS OF	N	A	B	SECTION mm²	ΔT (K) 70	60	50	40	30	20	CURRENT COEFFICIENT	
250A	534.010	2	3	2	20	1	40	326	300	275	246	214	174	1.72	2.25
	534.011	2	3	3	20	1	60	428	395	360	323	280	228	1.72	2.25
400A	534.013	2	3	5	20	1	100	498	460	420	376	326	266	1.72	2.25
	534.014	2	3	6	20	1	120	546	506	462	413	358	292	1.72	2.25
500A	534.019	2	3	5	24	1	120	608	563	514	460	398	325	1.72	2.25
	534.020	2	3	6	24	1	144	670	620	566	506	438	358	1.72	2.25
630A	534.026	2	2	5	32	1	160	758	702	640	573	496	405	1.72	2.25
	534.027	2	2	6	32	1	192	846	783	715	640	555	452	1.72	2.25
800A	534.034	2	2	6	40	1	240	1018	943	860	770	667	544	1.72	2.25
1000A	534.035	2	2	8	40	1	320	1230	1140	1040	930	805	658	1.72	2.25
	534.036	2	2	10	40	1	400	1400	1295	1181	1055	915	747	1.72	2.25
1250A	534.042	2	1	10	50	1	500	1650	1525	1395	1245	1080	882	1.72	2.25
1600A	534.048	2	1	10	63	1	630	1895	1755	1600	1435	1240	1012	1.65	2.12
	534.052	2	1	8	80	1	640	1895	1755	1600	1435	1240	1012	1.65	2.12
	534.053	2	1	10	80	1	800	2100	1945	1775	1585	1375	1123	1.65	2.12
	534.059	2	1	12	100	1	1200	2500	2315	2115	1890	1636	1338	1.6	2.02

When using 2 or 3 busbar in parallel, use the coefficient:

Example : 5 x 32 x 1 - ΔT = 50 K: 640 A
2 parallel bars > 640A x 1,72 = 1100A
3 parellel bars > 640A x 2,25 = 1440A

FLEXIBLE COPPER BUSBARS

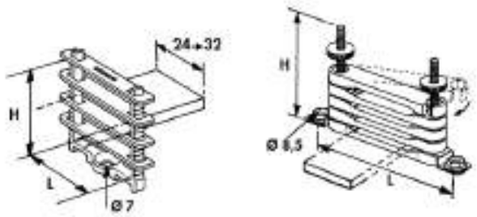
ERICO

UFS KIT

- Bracket for flexible busbars.
- 2mm aliminium profile and 24 pcs bracket.
- Made from glass-fibre-reinforced, non-halogen polyamid
- Product Code: 553.590

FS SPACER CLAMP

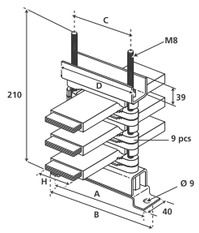
- Holds flexible busbars evenly and in parallel position.
- Sufficient number of perforations for optimum cooling.
- 4 pcs flexible busbar can be held together.



PRODUCT CODE	DESCRIPTION	FLEXIBLE BUSBAR TYPE	H (mm)	L (mm)	PACKS OF
553.550	FS 24	=< 24mm	53	30	25
553.560	FS 32	=< 32mm	53	38	25
553.570	FS 40-63	40,50,63mm	95	150	10
553.580	FS 80-100	80/100mm	140	200	10

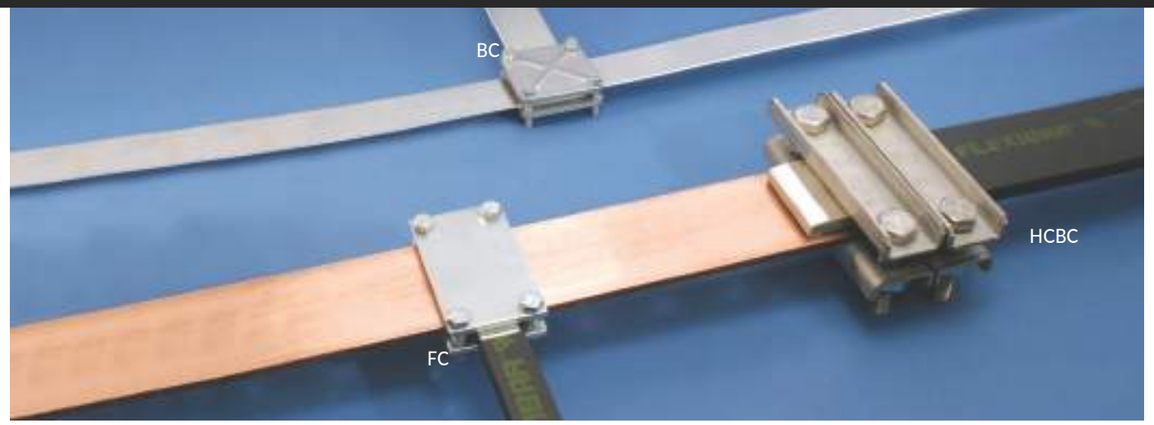
RFS SUPPORT

- Can hold 8 pcs busbar in parallel position.
- Can be mounted with 25mm steps on the plate.
- Recommended distance between the brackets: 400 mm



PRODUCT CODE	DESCRIPTION	FLEXIBLE BUSBAR TYPE	A (mm)	B (mm)	C (mm)	D (mm)	PACKS OF
553.370	RFS 40-63	40,50,63mm	150	175	90	120	1
553.380	RFS 80-100	80/100mm	200	225	140	170	1

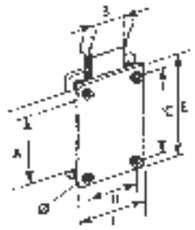
BUSBAR BRACKETS



FC BUSBAR CLAMP

- Holding capacity: 20mm
- 2 pcs mild steel+ zinc-plating part tightened with 8.8 quality M8 screws.

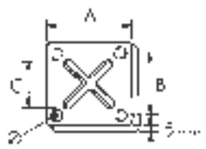
PRODUCT CODE	DESCRIPTION	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	PACKS OF
553.020	FC 50 x24	50	20-24	60	36	75	52	3
553.030	FC 50 x32	50	32	60	44	75	60	3
553.040	FC 50 x40	50	40	60	52	75	68	3
553.050	FC 80 x24	80	20-24	90	36	105	52	3
553.060	FC 80 x32	80	32	90	44	105	60	3
553.070	FC 80 x50	80	50	90	62	105	78	3
568.700	FC 100 x32	100	32	110	44	125	60	3
568.730	FC 120 x32	120	32	130	44	145	60	3



BC RIBBED - STEEL BUSBAR CLAMP

- Holding capacity: 20mm
- 2 pcs zinc-plated, reinforced steel sheet effectively tightened with the help of grooves.
- You can increase the copper connection, holding height up to 50 mm by using different size bolts.

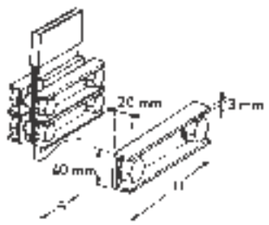
PRODUCT CODE	DESCRIPTION	A (mm)	B (mm)	C (mm)	DIAMETER	PACKS OF
553.200	BC 30	56	42	30	M6	8
553.210	BC 40	66	52	40	M6	8
553.220	BC 50	83	64	50	M8	8
553.230	BC 63	93	74	63	M8	4
553.250	BC 80	118	96	80	M10	4
553.260	BC 100	144	118	100	M10	4



HCBC HIGN-CURRENT BUSBAR CLAMP

- 40 mm/ Holding capacity: 40mm
- This modular busbar bracket is used in transformer combinations.
- The brackets are made from non-magnetic materials for heavy current combinations.
- Please use 2 pcs bracket to assure tightening force.

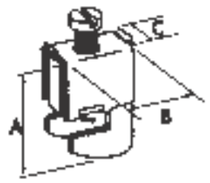
PRODUCT CODE	DESCRIPTION	A (mm)	B (mm)
553.100	HCBC 80	80	140
553.110	HCBC 100	100	160
553.120	HCBC 120	120	180



BUSBAR BRACKETS

FBC CONNECTORS FOR CONNECTING without DRILLING

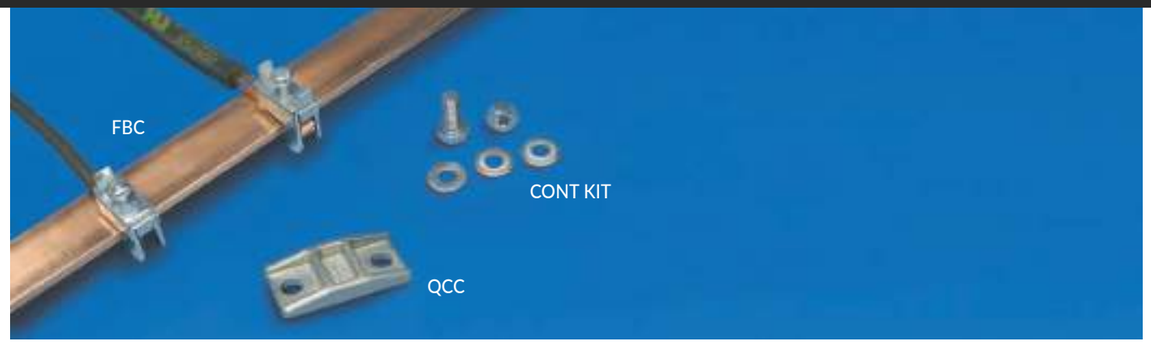
- Applicable to non-perforated busbar combinations.
- Applicable to 5-10 mm busbar thickness.
- Cables from 1 mm² up to 185 mm² or flexibar width 6 to 20 mm



BUSBAR THICKNESS 5 (mm)							
PRODUCT CODE	DESCRIPTION	A (mm)	B (mm)	C (mm)		CABLE SIZE mm²	PACKS OF
553.405	FBC 5x4	23	29	11		4	15
553.400	FBC 5x6	27	23	11.5	6mm	2.5-16	15
553.410	FBC 5x9	38	40	19	9mm	16-50	15
553.510	FBC 5x15,5	44	40	25	15,5mm	35-70	15
553.520	FBC 5x20	49	40	31	20mm	70-185	15

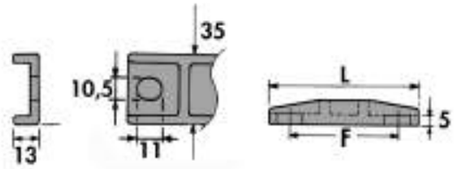
BUSBAR THICKNESS 10 (mm)							
PRODUCT CODE	DESCRIPTION	A (mm)	B (mm)	C (mm)		CABLE SIZE mm²	PACKS OF
553.505	FBC 10x4	28	29	11		4	15
553.430	FBC 10x6	33	23	11.5	6mm	2.5-16	15
553.440	FBC 10x9	42	40	19	9mm	16-50	15
553.530	FBC 10x15,5	49	40	25	15,5mm	35-70	15
553.540	FBC 10x20	54	40	31	20mm	70-185	15

BUSBAR BRACKETS



QCC CLAMP

- Applicable to flexible busbars.
- 1 pcs bracket required for a thickness of 5mm or less; 2 pcs bracket for thicker sizes.



		FLEX BAR				
PRODUCT CODE	DESCRIPTION	MIN (mm)	MAX (mm)	L (mm)	F (mm)	PACKS OF
561.200	QCC 6/13	6	13	48	25	5
561.210	QCC 15,5/32	15.5	32	70	50	5
561.220	QCC 40/63	40	63	95	75	5

CONT KIT

- Special steel screw, nut and washer
- For good electrical contact
- Supply Includes : 100 screw, 100 nut and 200 pcs contact washers
- Washers design from: 8/8 ZN8C

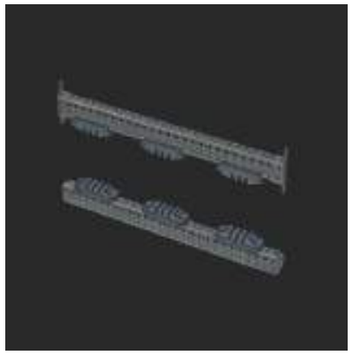
PRODUCT CODE	DESCRIPTION	TORQUE N.m	PACKS OF
558.310	CONT KIT M6 x 16	13	100
558.340	CONT KIT M8 x 30	30	100
558.370	CONT KIT M10 x 30	60	100
558.410	CONT KIT M10 x 50	60	100
558.440	CONT KIT M12 x 30	110	100
558.460	CONT KIT M12 x 40	110	100
558.480	CONT KIT M12 x 50	110	100
558.880	CONT KIT M12 x 60	110	100
558.490	CONT KIT M12 x 80	110	100

CLAMPING TORQUE CALCULATION

0	M6	M8	M10	M12	M14	M16
F(daN)	800	1450	2300	3700	4400	6000
Clamping torque Nm	13	30	60	110	174	274

BUSBAR CALCULATION TABLES

ADJUSTABLE BUSBAR SUPPORT



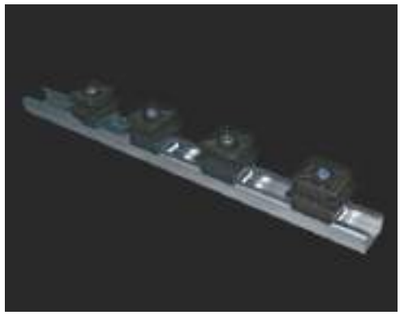
CABS 4/5										
Ipk KA	24	48	63	82	114	145	152	165	187	209
Icc rms KA1s	12	23	30	39	52	66	69	75	85	95
Busbar Section	Distance Between Busbar Supports(mm)									
	Distance Between Phases to D=112,5mm									
30x5mm	1000	664	501	385	276	217	207	191	168	150
40x5mm	1000	755	579	445	318	251	240	220	194	174
50x5mm	1000	845	647	498	356	280	268	247	217	194
63x5mm	1000	948	727	559	400	315	301	277	244	207
80x5mm	1000	1000	819	630	451	355	339	312	259	207
100x5mm	1000	1000	916	704	504	397	380	333	259	207
120x5mm	1000	1000	1000	788	568	430	394	333	259	207
Distance Between Phases to D=125mm										
30x5mm	1000	689	528	406	291	229	219	201	177	159
40x5mm	1000	796	610	469	336	264	253	232	205	183
50x5mm	1000	890	682	525	375	296	283	260	229	205
63x5mm	1000	1000	766	589	421	332	317	292	257	230
80x5mm	1000	1000	863	664	475	374	358	329	288	230
100x5mm	1000	1000	965	742	531	418	400	368	288	230
120x5mm	1000	1000	1000	830	594	468	437	370	288	230
Distance Between Phases to D=150mm										
30x5mm	1000	755	579	445	318	251	240	220	194	174
40x5mm	1000	872	669	514	368	290	277	255	225	201
50x5mm	1000	975	748	575	411	324	310	285	251	225
63x5mm	1000	1000	839	645	462	364	348	320	282	252
80x5mm	1000	1000	946	727	520	410	392	361	318	277
100x5mm	1000	1000	1000	813	582	458	438	403	346	277
120x5mm	1000	1000	1000	910	651	513	490	444	346	*

CABS 4/5										
Ipk KA	48	63	82	114	145	152	165	187	209	231
Icc rms KA1s	23	30	39	52	66	69	75	85	95	105
Busbar Section	Distance Between Busbar Supports(mm)									
	Distance Between Phases to D=150mm									
30x10mm	1000	1000	891	638	502	480	442	390	341	279
40x10mm	1000	1000	1000	736	580	555	510	427	341	279
50x10mm	1000	1000	1000	824	649	620	548	427	341	279
60x10mm	1000	1000	1000	902	709	648	548	427	341	279
80x10mm	1000	1000	1000	1000	709	648	548	427	341	279
100x10mm	1000	1000	1000	1000	709	648	548	427	341	279
120x10mm	1000	1000	1000	1000	709	648	548	427	341	279
Distance Between Phases to D=175mm										
30x10mm	1000	1000	963	689	543	519	477	421	377	326
40x10mm	1000	1000	1000	796	627	599	551	486	399	326
50x10mm	1000	1000	1000	890	701	670	616	498	399	326
60x10mm	1000	1000	1000	975	768	734	640	498	399	326
80x10mm	1000	1000	1000	1000	827	756	640	498	399	326
100x10mm	1000	1000	1000	1000	827	756	640	498	399	326
120x10mm	1000	1000	1000	1000	827	756	640	498	399	326

BUSBAR CALCULATION TABLES

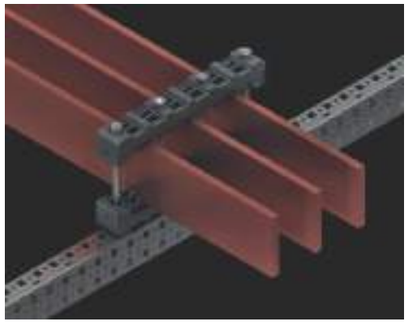
BUSBAR SUPPORTS AND BUSBARS

ADJUSTABLE FLAT BUSBAR SUPPORT



AFBS 600 - AFB										
Ipk KA	11	14	24	48	63	82	114	145	152	165
Icc rms KA1s	23	30	39	52	66	69	75	85	95	105
Busbar Section	Distance Between Busbar Supports(mm)									
30x5mm	1000	1000	1000	698	464	274	140	x	x	x
40x5mm	1000	1000	1000	915	537	317	162	100	x	x
50x5mm	1000	1000	1000	1000	610	361	184	114	104	x
63x5mm	1000	1000	1000	1000	705	416	213	132	121	102
80x5mm	1000	1000	1000	1000	824	490	250	155	142	120
100x5mm	1000	1000	1000	1000	974	576	295	182	167	141
125x5mm	1000	1000	1000	1000	1000	683	350	217	198	168
50X10mm	1000	1000	1000	1000	610	361	184	114	104	x
60x10mm	1000	1000	1000	1000	683	404	206	128	117	x
80x10mm	1000	1000	1000	1000	828	490	250	155	142	120
100x10mm	1000	1000	1000	1000	974	576	295	182	167	141
120x10mm	1000	1000	1000	1000	1000	662	339	210	192	162

COMPACT BUSBAR SUPPORT



COMPACT BUSBAR SUPPORT					
Busbar Section	Distance Between Busbar Supports(mm)				
	414mm	514mm	714mm	914mm	1114mm
	Short Circuit Efective Value (Icc rms)				
30x5mm	26 KA	21 KA	15 KA	11 KA	9 KA
40x5mm	30 KA	24 KA	17 KA	13 KA	11 KA
50x5mm	34 KA	27 KA	20 KA	15 KA	12 KA
60x5mm	36 KA	29 KA	21 KA	17 KA	13 KA
80x5mm	43 KA	35 KA	25 KA	19 KA	16 KA
100x5mm	48 KA	40 KA	28 KA	22 KA	17 KA

COMPACT BUSBAR SUPPORT					
Busbar Section	Distance Between Busbar Supports(mm)				
	414mm	514mm	714mm	914mm	1114mm
	Short Circuit Efective Value (Icc rms)				
40x10mm	48 KA	40 KA	29 KA	22 KA	18 KA
50x10mm	55 KA	44 KA	32 KA	25 KA	20 KA
60x10mm	61 KA	49 KA	35 KA	27 KA	22 KA
80x10mm	70KA	56 KA	40 KA	31 KA	26KA
100x10mm	78KA	63 KA	45 KA	35 KA	29KA
120x10mm	85KA	69 KA	50 KA	39 KA	32KA

Enjoy uninterrupted energy
in every area requiring
hygiene and meticulousness
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KT STAINLESS STEEL (AISI 304) TERMINAL BOX 330-333

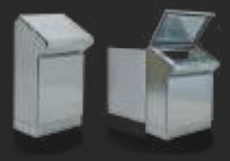
DM STAINLESS STEEL (AISI 304) WALL MOUNTED ENCLSOURE 334-335

DM STAINLESS STEEL (AISI 316) WALL MOUNTED ENCLSOURE 336-337

KT / DM STAINLESS STEEL ASSEMBLY SUPPORT PRODUCTS 338-341

NEO MODULAR STAINLESS STEEL (AISI 304) FLOOR STANDING ENCLSOURE 342-345

NEO MODULAR STAINLESS STEEL ASSEMBLY SUPPORT PRODUCTS 346-349



KMT-1000 and KMT-2000 STAINLESS STEEL (AISI 304) CONTROL DESKS 350-351

New Design Stainless Steel Compact Enclosures

KT STAINLESS STEEL

DM STAINLESS STEEL

- More Functional thanks to relevance with New DM accessories
- Larger interior volume and Wide Door
- More Safe and relevance to IP66 and NEMA 4X

KT STAINLESS STEEL (AISI 304) TERMINAL BOX

Material : All steel parts : 1,20mm thickness Stainless steel AISI 304 (1.4301)

Surface process : Brushed

IP Rate : IP 66 regarding to IEC 60 529

NEMA Category : NEMA 1 , 3R , 3RX , 4 , 4X , 12

Supply includes : Enclosure and cover with 4 pcs quarter turn locks

• Please see page 403 for technical drawings.

ACCESSSORIES:

Wall Bracket Page : 338

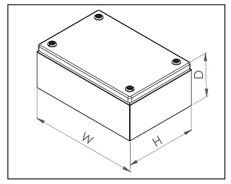
Mounting Plate Page : 60

Earthing Cable Page : 71

Other Accessories Page : 338-341

KT STAINLESS STEEL (AISI 304) TERMINAL BOX

Product Code	ENCLOSURE				STEEL THICKNESS		COVER		Version
	Width(W)	Height(H)	Depth(D)	Weight	Enclosure	Cover	Lock	Hinge	
	mm	mm	mm	kg	mm	mm	pcs	pcs	
KT 351.180-SS4	150	150	80	1,15	1,2	1,2	4	N/A	1
KT 352.280-SS4	200	200	80	1,65	1,2	1,2	4	N/A	1
KT 353.180-SS4	300	150	80	1,83	1,2	1,2	4	N/A	1
KT 353.280-SS4	300	200	80	2,19	1,2	1,2	4	N/A	1
KT 351.112-SS4	150	150	120	1,67	1,2	1,2	4	N/A	1
KT 352.212-SS4	200	200	120	2,24	1,2	1,2	4	N/A	1
KT 353.212-SS4	300	200	120	2,86	1,2	1,2	4	N/A	1
KT 353.312-SS4	300	300	120	3,67	1,2	1,2	4	N/A	1
KT 354.212-SS4	400	200	120	3,48	1,2	1,2	4	N/A	1
KT 354.312-SS4	400	300	120	4,48	1,2	1,2	4	N/A	1



Version 1

DM STAINLESS STEEL (AISI 304) WALL MOUNTED ENCLSOURE

Material : Enclosure and Door : Stainless steel AISI 304 (1.4301)
Mounting Plate : Galvanized Steel

Surface process : Brushed

Lock : Quarter Turn Locks : RAL 7037 ABS case with AISI 316 5mm Double-bit Insert
Swing Handle : Die Cast Zinc + RAL 7037 Powder coating with 5mm Double-bit zinc insert

IP Rate : Single Doors : IP 66 regarding to IEC 60 529
Double Doors : IP 54 regarding to IEC 60 529

NEMA Category : Single Doors : NEMA 1 , 3R , 4 , 4X , 12
Double Doors : NEMA 1 , 12

Supply includes : Enclosure and hinged door with opening angle 120°
Mounting plate, lock(s) and 5mm doublebit key

- Avaible to use mostly the same accessorries with DM serie
- Bottom side of the enclosure is solid (without gland plate)
- The rear of the enclosure side is solid. (without bracket hole cutout)
- Please see page 404-405 for technical drawings.

ACCESSSORIES:

Wall Bracket Page : 338

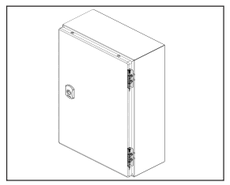
Earthing Cable Page : 71

Other Accessories Page : 338-341

STAINLESS STEEL ENCLOSURES

DM STAINLESS STEEL (AISI 304) WALL MOUNTED ENCLSOURE

Product Code	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESS			DOOR		Version
	Width (W)	Height (H)	Depth (D)	Weight	Width (W)	Height (H)	Enclosure	Door	M.Plate	Lock	Hinge	
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs	pcs	
DM 252.315-SS4	250	300	150	5,19	200	275	1,2	1,2	2	1	2	1
DM 253.321-SS4	300	300	210	7,44	250	275	1,2	1,2	2	1	2	1
DM 253.415-SS4	300	400	150	7,20	250	375	1,2	1,2	2	2	2	2
DM 253.421-SS4	300	400	210	8,88	250	375	1,2	1,2	2	2	2	2
DM 254.315-SS4	400	300	150	7,21	350	275	1,2	1,2	2	1	2	1
DM 254.421-SS4	400	400	210	10,70	350	375	1,2	1,2	2	2	2	2
DM 254.521-SS4	400	500	210	12,50	350	475	1,2	1,2	2	2	2	2
DM 254.621-SS4	400	600	210	14,29	350	575	1,2	1,2	2	2	2	2
DM 255.521-SS4	500	500	210	14,66	450	475	1,2	1,2	2	2	2	2
DM 255.530-SS4	500	500	300	18,87	450	475	1,2	1,2	2	2	2	2
DM 255.721-SS4	500	700	210	18,94	450	675	1,2	1,2	2	2	2	2
DM 255.726-SS4	500	700	260	21,01	450	675	1,2	1,2	2	2	2	2
DM 256.421-SS4	600	400	210	14,51	550	375	1,2	1,2	2	2	2	2
DM 256.621-SS4	600	600	210	20,47	550	575	1,2	1,5	2	2	2	2
DM 256.630-SS4	600	600	300	22,54	550	575	1,2	1,5	2	2	2	2
DM 256.821-SS4	600	800	210	30,83	550	775	1,5	2	2	2	2	2
DM 256.830-SS4	600	800	300	36,14	550	775	1,5	2	2	2	2	2
DM 256.130-SS4	600	1000	300	42,90	550	975	1,5	2	2	2	3	3
DM 258.830-SS4	800	800	300	44,68	750	775	1,5	2	2	2	2	2
DM 258.130-SS4	800	1000	300	53,20	750	975	1,5	2	2	2	3	3
DM 258.123-SS4	800	1200	300	61,72	750	1175	1,5	2	2	S/H	3	5
DM 281.130-SS4	1000	1000	300	58,97	950	975	1,5	2	2	4	6	4
DM 281.123-SS4	1000	1200	300	69,43	950	1175	1,5	2	2	S/H	6	6



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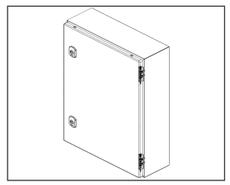
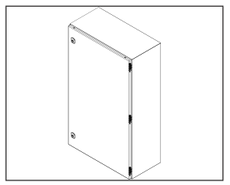


Version 2



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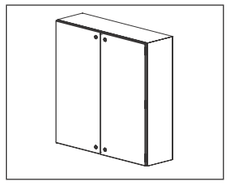
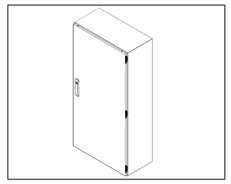


Version 4



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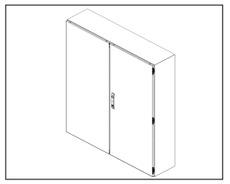


Version 6

DM STAINLESS STEEL (AISI 316) WALL MOUNTED ENCLSOURE

Material : Enclosure and Door : Stainless steel AISI 316 (1.4404)
Mounting Plate : Galvanized Steel

Surface process : Brushed

Lock : Quarter Turn Locks : AISI 316 case with 5mm Double-bit
Swing Handle : AISI 316 handle with brass cylinder

IP Rate : Single Doors : IP 66 regarding to IEC 60 529
Double Doors : IP 54 regarding to IEC 60 529

NEMA Category : Single Doors : NEMA 1 , 3R , 4 , 4X , 12
Double Doors : NEMA 1 , 12

Supply includes : Enclosure and hinged door with opening angle 120°
Mounting plate, lock(s) and key

- Avaible to use mostly the same accessorries with DM serie
- Bottom side of the enclosure is solid (without gland plate)
- The rear of the enclosure side is solid. (without bracket hole cutout)
- Please see page 406-407 for technical drawings.

ACCESSSORIES:

Wall Bracket Page : 338

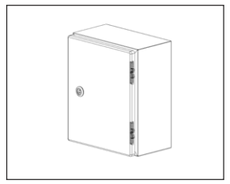
Earthing Cable Page : 71

Other Accessories Page : 338-341

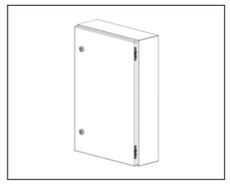
STAINLESS STEEL ENCLOSURES

DM STAINLESS STEEL (AISI 316) WALL MOUNTED ENCLSOURE

Product Code	ENCLOSURE				MOUNTING PLATE		STEEL THICKNESS			DOOR		Version
	Width (W)	Height (H)	Depth (D)	Weight	Width (W)	Height (H)	Enclosure	Door	M.Plate	Lock	Hinge	
	mm	mm	mm	kg	mm	mm	mm	mm	mm	pcs	pcs	
DM 252.315-SS6	250	300	150	5,19	200	275	1,2	1,2	2	1	2	1
DM 253.415-SS6	300	400	150	7,20	250	375	1,2	1,2	2	2	2	2
DM 253.421-SS6	300	400	210	8,88	250	375	1,2	1,2	2	2	2	2
DM 254.421-SS6	400	400	210	10,70	350	375	1,2	1,2	2	2	2	2
DM 254.621-SS6	400	600	210	14,29	350	575	1,2	1,2	2	2	2	2
DM 255.726-SS6	500	700	260	21,01	450	675	1,2	1,2	2	2	2	2
DM 256.621-SS6	600	600	210	20,47	550	575	1,2	1,5	2	2	2	2
DM 256.830-SS6	600	800	300	36,14	550	775	1,5	2	2	2	2	2
DM 258.130-SS6	800	1000	300	53,20	750	975	1,5	2	2	2	3	3
DM 258.123-SS6	800	1200	300	61,72	750	1175	1,5	2	2	S/H	3	5
DM 281.123-SS6	1000	1200	300	69,43	950	1175	1,5	2	2	S/H	6	6



Version 1



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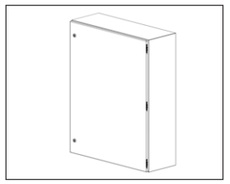

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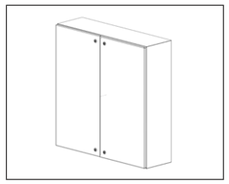

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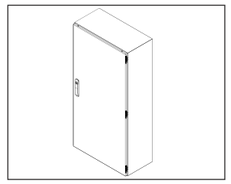

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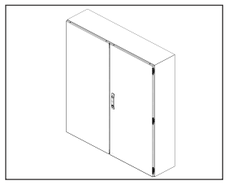


Version 6

WALL MOUNTING BRACKET

Relevance : KT / DM Stainless steel enclosures
Product Code : 975.001
Material : Stainless Steel AISI 316 (1.4404)
Supply includes: 4 pcs brackets , assemly parts and gaskets

NOTE : For protection class category and hygienic reasons, KT and DM stainless steel enclosures do not have drilled wall mounting holes..
For the installation of wall mounting brackets, it will be necessary to drill holes and fix according to the instruction. Welding of brackets on to enclsoure is also another solution.

MODULAR PLINTH

PLINTH SIDE CARRIER

Relevance : DM Serie
Material : 2mm Stainless Steel+Brushed
Supply includes: 2 pcs side carriers and assemly parts

NOTE : For protection class category and hygienic reasons, DM stainless steel enclosures do not have drilled plinth holes.For the installation of plinth side carrier, it will be necessary to drill holes and fix according to the instruction.

REQUIRED : Plinth front covers require for closing front and rear side of plinth.

Product Code	Material	Plinth Height(mm)	Enclosure Depth(mm)
974.310	AISI 304	100	300
974.320	AISI 304	200	300
976.310	AISI 316	100	300
976.320	AISI 316	200	300

PLINTH FRONT COVER

Relevance : DM Serie
Material : 1,50mm Stainless Steel+Brushed
Supply includes: 2 pcs front covers and assemly parts

REQUIRED : For height 100mm plinths, 2pcs covers requires.
For height 200mm plinths, 4pcs covers requires.

Product Code	Material	Enclosure Width(mm)
975.002	AISI 304	400
975.003	AISI 304	500
975.004	AISI 304	600
975.005	AISI 304	800
975.006	AISI 304	1000
975.007	AISI 304	1200

Product Code	Material	Enclosure Width(mm)
975.012	AISI 316	600
975.013	AISI 316	800
975.014	AISI 316	1000

STAINLESS STEEL ENCLOSURES
KT /DM STAINLESS STEEL ACCESSORIES

RAIN CANOPY

Relevance : DM Serie
Material : 1,50mm Stainless Steel+Brushed
Supply includes: 1 pc canopy and assemly parts

NOTE : For protection class category and hygienic reasons, DM stainless steel enclosures do not have drilled canopy holes.For the installation of rain canopy, it will be necessary to drill holes and fix according to the instruction.

Product Code	Material	ENCLOSURE	
		Width(mm)	Depth(mm)
975.232	AISI 304	300	210
975.242	AISI 304	400	210
975.252	AISI 304	500	210
975.262	AISI 304	600	210
975.263	AISI 304	600	300
975.283	AISI 304	800	300
975.203	AISI 304	1000	300

Product Code	Material	ENCLOSURE	
		Width(mm)	Depth(mm)
974.232	AISI 316	300	210
974.242	AISI 316	400	210
974.262	AISI 316	600	210
974.263	AISI 316	600	300
974.283	AISI 316	800	300
974.203	AISI 316	1000	300

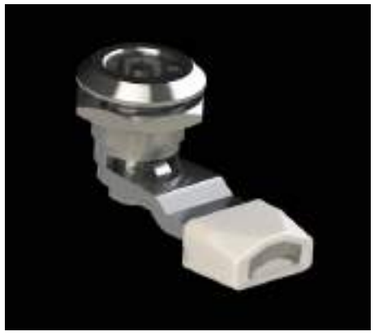
INSERT OPTIONS (AISI 316)

Relevance : DM Quarter-Turn Locks
Material : Stainless Steel AISI 316 (1.4404)
Supply includes: 1 pc insert

REQUIRED : For 8mm square and 9mm triangle insert, the relevant key must be supplied (Please see page 341)

Product Code	Model
951.360	5mm Double -Bit
951.361	8mm Square
951.362	9mm Triangle

QUARTER TURN LOCK (AISI 316)



Relevance : DM Serie
Product Code : 975.020
Material : Stainless Steel AISI 316 (1.4404)
Supply includes: 1 pc lock with 5mm Doublebit-Insert

SWINGHANDLE (AISI 316)

Relevance : DM Serie heights for 1200mm and above
Product Code : 975.021
Material : Stainless Steel AISI 316 (1.4404)
Supply includes: 1 pc swinghandle with brass cylinder and key

STAINLESS STEEL ENCLOSURES
KT /DM STAINLESS STEEL ACCESSORIES

SWINGHANDLE

Relevance : DM Serie heights for 1200mm and above
Material : Die Cast Zinc + RAL 7037 Powder Coating
Supply includes: 1 pc swinghandle with zinc inserts

Product Code	Model
975.100	5mm Double -Bit
975.101	8mm Square
975.102	9mm Triangle

KEYS

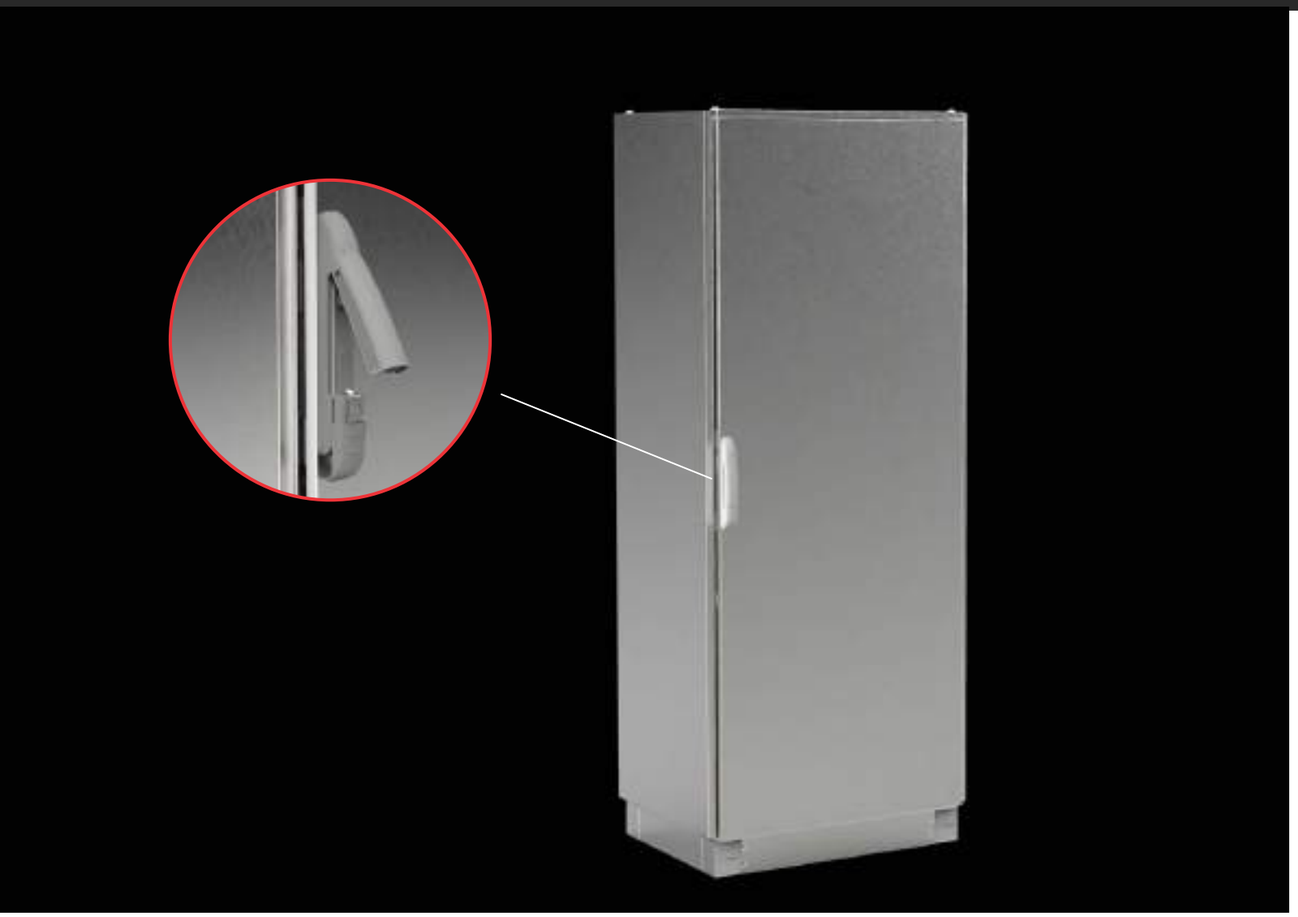
Material : Die Cast ZinC
Supply includes: 1 pc key

Product Code	Model
952.101	5mm Double -Bit
952.102	8mm Square
952.103	9mm Triangle

ACCESSSORIES:

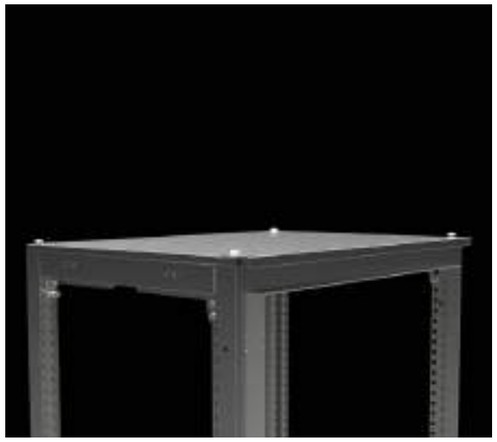
DISCHARGES Page 50
CABLE ENTERIES and CABLE GLANDS Page 51-52
CABLE CLAMPING Page 53
INTERIOR RAILS Page 57-58
DOOR SWITCH and LIGHTING Page 59
INTERIOR DOORS Page 61
DOOR ACCESSORIES Page 66-67

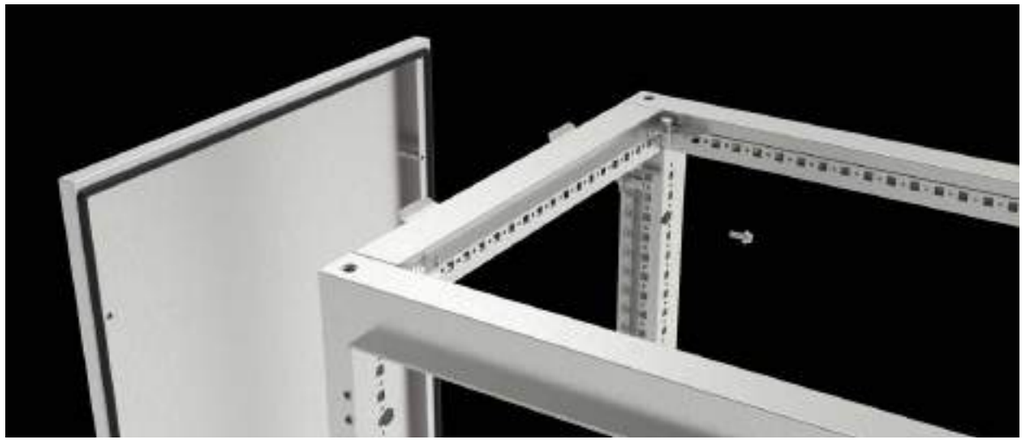
NEO MODULAR STAINLESS STEEL

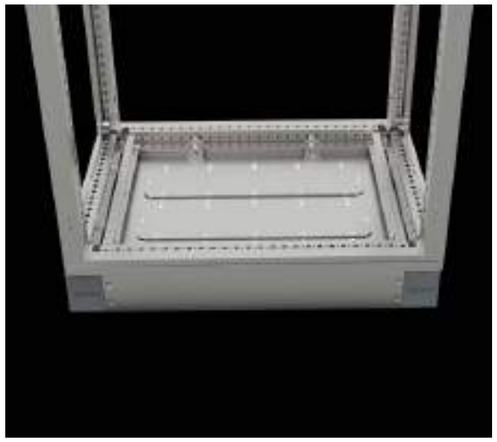


NEO MODULAR STAINLESS STEEL

UP TO IP66 / NEMA 4X PROTECTON CATEGORY







NEO MODULAR STAINLESS STEEL (AISI 304) FLOOR STANDING ENCLSOURE

Material : Enclosure Frame, Rear Panel : 1,50mm Stainless steel AISI 304 (1.4301)
Roof, Gland Plate : 1,50mm Stainless steel AISI 304 (1.4301)
Door : 2,00mm Stainless steel AISI 304 (1.4301)
Mounting Plate : 3,00mm Galvanized Steel

Surface process : Brushed

Lock : Pull-Push Handle : Die Cast Zinc + RAL 7037 Powder coating with 5mm Double-bit zinc insert

IP Rate : Single Doors : Up to IP 66 regarding to IEC 60 529
Double Doors : IP 54 regarding to IEC 60 529

NEMA Category : Single Doors : NEMA 1 , 12 and up to 3R , 4 , 4X
Double Doors : NEMA 1 , 12

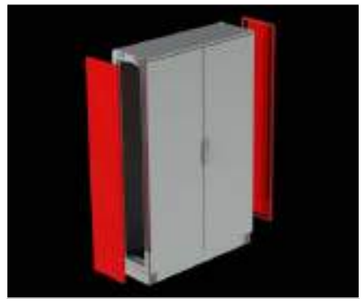
Supply includes : Enclosure frame with hinged door with opening angle 145°
Swing Handle -4 point locking- 5mm Doublebit insert
Roof plate, Gland base with plate
Rear Panel, Mounting plate

- Avaible to use mostly the same accessorries with NEO serie
- Please see page 408-409 for technical drawings
- ! Required : In order for the IP66/ NEMA 3R , 4, 4X standards to be valid in the bayed enclosures, IP 66 baying kit must be used. (See page 348)
- ! Required : Under rain conditions , it is necessary to use with rain canopy (See page 348)

ACCESSSORIES:

Plinth System : 346

Side Panels : 347



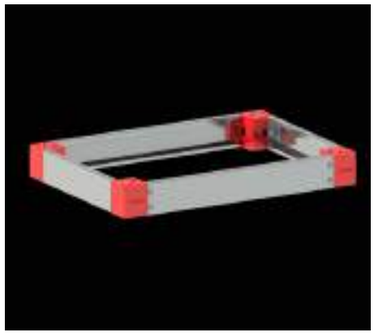
Standard Baying Kit : 347

Other Accessories Page : 346-349

NEO MODULAR STAINLESS STEEL (AISI 304) FLOOR STANDING ENCLSOURE

Product Code	ENCLOSURE			MOUNTING PLATE		DOOR		
	Width(W)	Height(H)	Depth(D)	Width(W)	Height(H)	Lock	Hinge	Type
	mm	mm	mm	mm	mm	pcs	pcs	
NEO 646.164-SS4	600	1600	400	488	1488	1	4	Single
NEO 646.185-SS4	600	1800	500	488	1688	1	4	Single
NEO 646.206-SS4	600	2000	600	488	1888	1	4	Single
NEO 648.185-SS4	800	1800	500	688	1688	1	4	Single
NEO 648.206-SS4	800	2000	600	688	1888	1	4	Single
NEO 640.184-SS4	1000	1800	400	888	1688	2	8	Double
NEO 642.205-SS4	1200	2000	500	1088	1888	2	8	Double
NEO 642.184-SS4	1200	1800	400	1088	1688	2	8	Double
NEO 642.185-SS4	1200	1800	500	1088	1688	2	8	Double

MODULAR PLINTH (AISI 304)



PLINTH CORNER PART

Relevance : Neo Modular / Neo Monoblock / Teos
Material : 2,00mm AISI 304 Stainless Steel + Brushed Plastic Cover : RAL7037 ABS
Supply includes: 4 pcs plinth coerners , 4 pcs plastic covers and asembly parts.

Product Code	Plinth Height (mm)
975.110	100
975.111	200

PLINTH FRONT/REAR COVERS

Relevance : Neo Modular / Neo Monoblock / Teos
Material : 1,50mm AISI 304 Stainless Steel + Brushed
Supply includes: 2 pcs covers and asembly parts

REQUIRED : For height 100mm plinths, 2pcs covers requires.
For height 200mm plinths, 4pcs covers requires.

Product Code	Enclosure Width (mm)
975.004	600
975.005	800
975.006	1000
975.007	1200

PLINTH SIDE COVERS

Relevance : Neo Modular / Neo Monoblock / Teos
Material : 1,50mm Stainless Steel + Brushed
Supply includes: 2 pcs side covers and assemly parts

REQUIRED : For height 100mm plinths, 2pcs covers requires.
For height 200mm plinths, 4pcs covers requires.

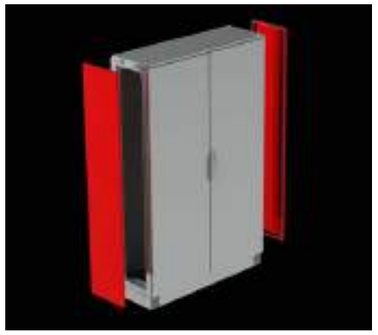
Product Code	Enclosure Depth (mm)
617.140	400
617.150	500
617.160	600

STAINLESS STEEL ENCLOSURES
NEO MODULAR STAINLESS STEEL ACCESSORIES

LEVELLING FEET

Relevance : Neo Modular / Neo Monoblock / Teos
Product Code : 721.070
Material : Stainless Steel
Supply includes: 4 pcs feets with M12 thread

NOTE : With the compensate 20mm-40mm heights.
Maximum load : 250kg per foot



SIDE PANELS (AISI 304)

Relevance : Neo Modular Stainless Steel
Material : 1,50mm Stainless Steel AISI 304 (1.4301)
IP Rate : IP 66 regarding to IEC 60 529
NEMA Category : NEMA 1 , 3R , 4 , 4X , 12
Supply includes: 2 pcs panels, interior fixing parts and top gasket

NOTE : Side panels are fixed to the enclosure from the interior side. Therefore, the side panels must be fixed before installing the mounting plate to the enclosure or before starting the internal assemblies.

Product Code	ENCLOSURE	
	Height(mm)	Depth(mm)
637.164	1600	400
637.184	1800	400
637.185	1800	500
637.205	2000	500
637.206	2000	600

STANDARD BAYING KIT

Relevance : Neo Modular Stainless Steel
Product Code : 614.100
IP Rate : IP 55 regarding to IEC 60 529 for single doors
IP 54 regarding to IEC 60 529 for double doors
NEMA Category : NEMA 1 , 12
Supply includes: 2 pcs stainless steel combination angles , 8 set M6 fasteners , 2 pcs adjustable brackets , 5,6m insulation gasket and assembling parts

NEO MODULAR STAINLESS STEEL ACCESSORIES

IP66 BAYING KIT

Relevance : Neo Modular
Material : 1,50mm Stainless Steel AISI 304 (1.4301)
IP Rate : IP 66 regarding to IEC 60 529 for only single door
NEMA Category : NEMA 1 , 3R , 4 , 4X , 12 for only single doors
Supply includes: 1 pc baying panel double side foam gasketted.and assembling parts.

Product Code	ENCLOSURE	
	Height(mm)	Depth(mm)
614.164	1600	400
614.185	1800	500
614.206	2000	600

RAIN CANOPY For Single Enclsoures

Relevance : Neo Modular Stainless Steel
Material : 1,50mm AISI 304 Stainless Steel + Brushed
Supply includes: 1 pc canopy and asembly parts

NOTE : For protection class category and hygienic reasons, NEO Modular stainless steel enclosures do not have drilled canopy holes on roof plate.
For the installation of canopy, it will be necessary to drill holes and fix according to the instruction.

Product Code	ENCLOSURE	
	Width(mm)	Depth(mm)
935.604	600	400
935.605	600	500
935.606	600	600
935.805	800	500
935.806	800	600

RAIN CANOPY For Combined Enclsoures

Relevance : Neo Modular Stainless Steel
Material : 1,50mm AISI 304 Stainless Steel + Brushed
Supply includes: 1 pc canopy and asembly parts

NOTE : For protection class category and hygienic reasons, NEO Modular stainless steel enclosures do not have drilled canopy holes on roof plate.
For the installation of canopy, it will be necessary to drill holes and fix according to the instruction.

Product Code	ENCLOSURE	
	Width(mm)	Depth(mm)
935.126	1200	600
935.146	1400	600
935.166	1600	600
935.186	1800	600
935.206	2000	600
935.226	2200	600
935.246	2400	600

NEO MODULAR STAINLESS STEEL ACCESSORIES

INSERT OPTIONS

Relevance : Neo Modular Stainless Steel / Teos Pull-Push Handle
Material : Die Cast Zinc
Supply includes: 1 pc inserts

REQUIRED : For 8mm square and 9mm triangle insert, the relevant key must be supplied (Please see page 196)

Product Code	Model
950.250	5mm Double -Bit
950.251	8mm Square
950.252	9mm Triangle

SWINGHANDLE (AISI 316)

Relevance : NEO Modular Stainless Steel
Product Code : 975.021
Material : Stainless Steel AISI 316 (1.4404)
Supply includes: 1 pc swinghandle with brass cylinder and key

M12 EYEBOLT CARRIER

Product Code : 613.000
Relevance : DM-L
Materials : Carbon Steel + Electro-Galvanized Coating
Supply Includes: 2 x Eyebolts and Enclosure Assembly Parts

ACCESSSORIES:

CABLE GLANDS Page 52
CABLE CLAMPING Page 161
EYEBOLT LIFTING Page 345
RAILS and MOUNTING PLATES Page 168-179
DIVIDING PANEL Page 181
INETRIOR DOORS Page 186-189
DOOR ACCESSORIES Page 183-185
19” ASSEMBLIES Page 192-193

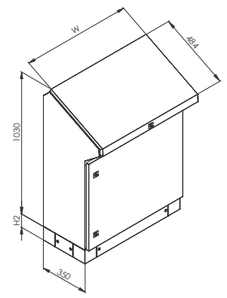
KMT-1000 and KMT-2000 STAINLESS STEEL (AISI 304) CONTROL DESKS

Material	: Enclosure, doors	: 1,50mm Stainless steel AISI 304 (1.4301)
	Plinth Corner	: 2,00mm Stainless steel AISI 304 (1.4301)
	Gland Plate	: 1,50mm Stainless steel AISI 304 (1.4301)
	Mounting Plate(s)	: 2,00mm Galvanized Steel
Surface process	: Brushed	
Lock	: Quarter Turn Locks	: Die Cast Zinc with 5mm Double-bit insert
	Swing Handle	: Die Cast Zinc with 5mm Double-bit insert
IP Rate	: Single Doors	: IP 55 regarding to IEC 60 529
	Double Doors	: IP 54 regarding to IEC 60 529
NEMA Category	: NEMA 1 , 12	
(KMT-1000) Supply includes	: Back-Closed enclsore body, top door with 2 gas springs, front door, gland plate with foam entry, single mounting plate and H100mm plinth	
(KMT-2000) Supply includes	: Enclsore body, top door with 2 gas springs, front door, rear door gland plate with foam entry, double mounting plate and H100mm plinth	

- Please see page 410-411 for technical drawings

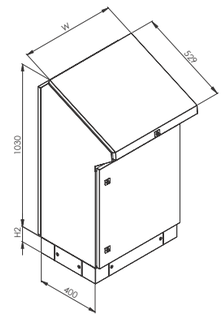
STAINLESS STEEL ENCLOSURES

KMT-1000 and KMT-2000 STAINLESS STEEL (AISI 304) CONTROL DESKS



KMT-1000 (Closed rear)

PRODUCT CODE	ENCLOSURE WIDTH (mm)	DOOR TYPE
516.350.K	600	SINGLE
518.350.K	800	SINGLE
510.350.K	1000	DOUBLE
512.350.K	1200	DOUBLE



KMT-2000 (Opened rear)

PRODUCT CODE	ENCLOSURE WIDTH (mm)	DOOR TYPE
526.400.K	600	SINGLE FRONT + SINGLE REAR
528.400.K	800	SINGLE FRONT + SINGLE REAR
520.400.K	1000	DOUBLE FRONT + DOUBLE REAR
522.400.K	1200	DOUBLE FRONT + DOUBLE REAR

Exact Match for **Tekpan** Enclosures

VENTILATION FILTERS AND FANS 356

AIR-CONDITIONERS AND HEAT EXCHANGERS 358

HEATERS 363

THERMAL CONTROL PRODUCTS 365

Controlling enclosure or cabinet internal temperature is crucial for the efficiency of the equipments operating inside. In electrical equipments, particulary those operating with electronic signalling, heat and dust directly effect equipment performance. The maximum temperature for equipments supposed to operate at max 30°C should not exceed 26-27°C In particular, efficiency of CPU operated equipments decrease if not cooled. As a result of this, the equipments fail communicate at the desired speed and efficiency leading to temporary or permanent malfunction. Tracking costs of these malfunctions are known by everyone. There is also another problem in terms of heat and chemicals. External dust sticks on the surface of the CPU or other equipments during cooling. It gradually strafies and constitutes a layer between the surface and air. This layer blocks cooling regardless of the cooling equipment and causes malfunctions. This is the first impact of the dust. The second impact is chemical and physical. As known, dust acidifies metal particles and accomodates similar bacteria. These cause corrosion on the conductive surface and separation of contacts and conductors. These even decrease conductivity of the material. Another factor that affects the equipments is humidity. As oxidized materials in humidity cause separation in inter-conductor contact, they increase the temperature and decrease the flow.

Here follow a summary of the factors to consider for cooling electrical equipments and maintaining their performance:

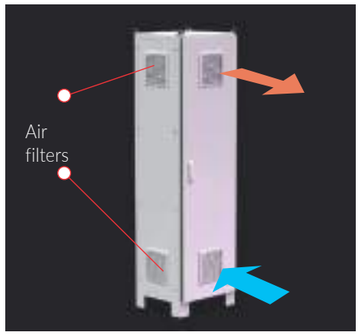
1-) Heat radiated by the equipment (watt value in terms of total power)
2-) Outdoor temperature
3-) Dust
4-) Outdoor humidity proportion (multiple humidity)

Suitable air-conditioning product can be chosen according to heat radiated by the equipment, enclosure/cabinet size and outdoor temperature factors. Please contact our customer service for your requests.

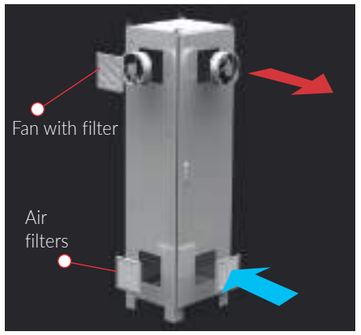
AIR-CONDITIONING APPLICATIONS BY FACTORS

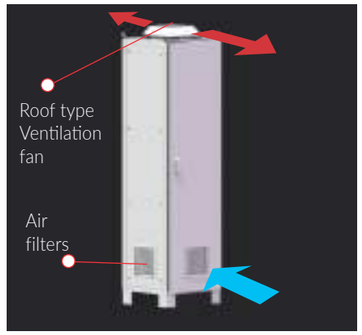
1 MAX. OUTDOOR TEMP ≤ REQUIRED MAX. INDOOR TEMP. HARMLESS DUST and HUMIDITY DENSITY

METHOD I
(PASSIVE VENTILATION)

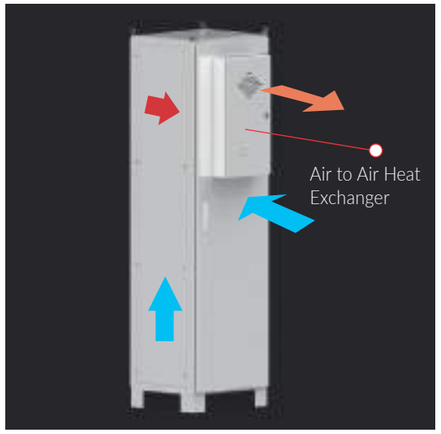


METHOD II
(ACTIVE VENTILATION)



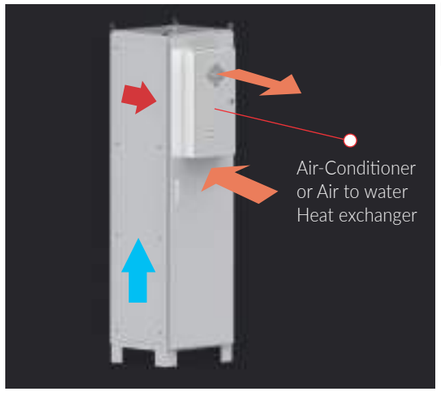


ATTENTION : In Method I equipment heat is not high. Filters require maintanence.
In Method II equipment heat is high. Air volume is required. Filters require maintanence.



2 MAX. OUTDOOR TEMP ≤ REQUIRED MAX. INDOOR TEMP HARMFUL DUST and HUMIDITY DENSITY

- As dense dust and humidity frequently fills the filters, air flow and cooling weakens. The filters require frequent maintanence and this poses a risk.
- Heat exchangers do not mix indoor air flow and outer air flow. It is dust-resistant and does not require cleaning. There is no risk of failure as they do not have compressing and gas. It is not consume in high level energy



3 MAX. OUTDOOR TEMP ≥ REQUIRED MAX. INDOOR TEMP HARMFUL DUST and HUMIDITY DENSITY

- High outdoor heat is reduced to the desired level by means of gas and compressing equipment.
- Indoor cooling (evaporator) and outer cooling (condenser) are separate, and the indoor environment does not catch any dust from outside.
- The condenser requires cleaning at regular intervals.
- Cooling is restored by use of air/ water type heater exchanger. No compressor cost, low energy consumption. Outdoor of the compressor does not cause overheating with the condenser.

AIR FILTER and FAN FILTER

AIR FILTERS (RAL 7035)

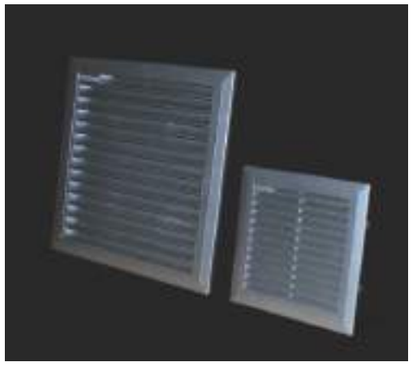
Material : ABS Ral 7035

IP Rate : IP54

- Easy cleaning with drawer filter.

PRODUCT CODE	FILTER SIZE
983.106	150x150 mm
983.107	250x250 mm
983.110	325x325 mm

AIR FILTERS (CHROME COLOR)



Material : ABS + metallic coating

IP Rate : IP54

- Easy cleaning with drawer filter.

PRODUCT CODE	FILTER SIZE
983.108	150x150 mm
983.109	250x250 mm
983.111	325x325 mm

FAN WITH FILTER

IP Rate : IP54

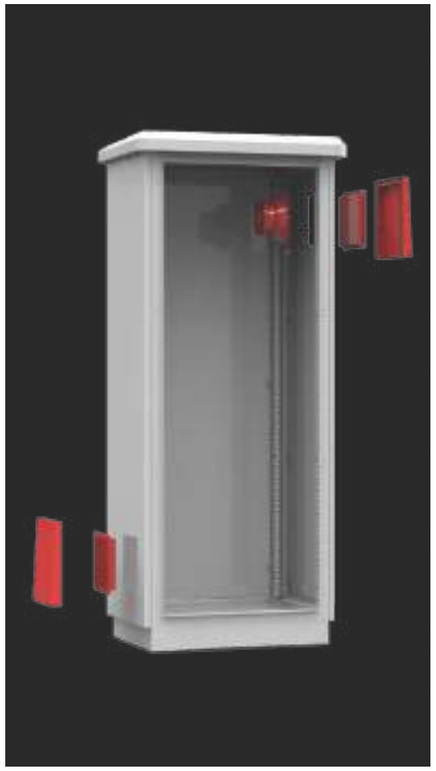
Used Fan : EBM PAPST

- 230V AC Voltage
- It suggest using at the situation which the maximum inside required temperature is higher than or equal maximum outside temperature.
- At standard fans fix to eject air. For opposite the fan positions must be changed.

PRODUCT CODE	FILTER SIZE	COLOUR	AIR FLOW	FAN POWER
983.131	150x150mm	RAL 7035	60m³/hour	19W
983.141	250x250mm	RAL 7035	160m³/hour	45W
983.151	250x250mm	RAL 7035	450m³/hour	64W
983.331	150x150mm	CROME	60m³/hour	19W
983.341	250x250mm	CROME	160m³/hour	45W
983.351	250x250mm	CROME	450m³/hour	64W

ROOF TYPE VENTILATION FAN

RAIN CANOPY WITH FAN FILTER



Material : 1,50 mm Galvanized steel+RAL 7035 polyester coating filtre: ABS

IP Rate : IP55

Supply Includes : 1 Pcs rain canopy , 1 Pcs 150x150 mm or 250x250 mm filtered ventilation, assembly parts

Protective Ventilation Filter	
Filter Dimension	PRODUCT CODE
150x150 mm	983.121
250x250 mm	983.122

Material : 1,50 mm Galvanized steel+RAL 7035 polyester coating filtre: ABS

IP Rate : IP55

Supply Includes : 1 Pcs raincoat, 1 Pcs 150x150 mm or 250x250 mm filtered ventilation, assembly parts, 1 Pcs Fan

Ventilation Filter with Protective Fan			
Filter dimension	Voltage	Motor Power	PRODUCT CODE
150x150 mm	230 V AC	19 W	983.123
250x250 mm	230 V AC	45 W	983.124

ROOF TYPE VENTILATION FAN

Colour : RAL 7035

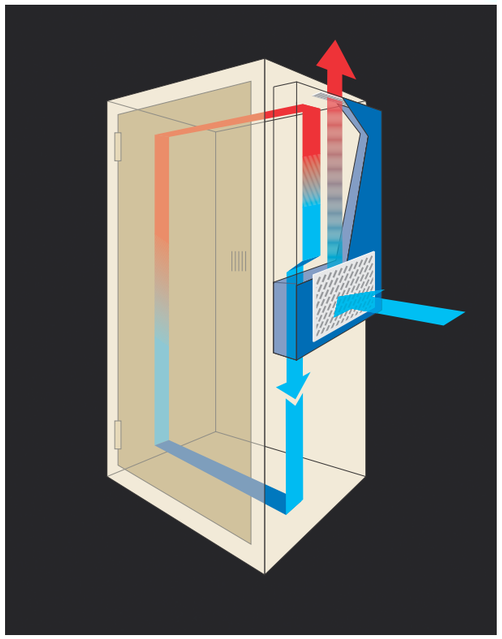
IP Rate : IP44

Used Fan : EBM PAPST

- Used in 230V AC.
- It ejects the heated air inside of the enclosure coming from vertical angle to horizantal angle. From the reason type of fan which ejects the air with horizantal angle, the counterpressure is at the minumum level. By this way it makes active and economic cooling with less power/ consumption and low fan cost.
- It requires sufficient size of air filters for compensation of the enclosure inside pressure between fan force of gravity.
- It suggests using at the situation which the maximum inside required temprature is higher than or equal maximum outside temperature
- Required max. Inside temp. $\geqslant$ Outside max. temp

PRODUCT CODE	FAN FLOW	FAN POWER
982.202	560 m³/hour	58 W
982.203	970 m³/hour	85 W

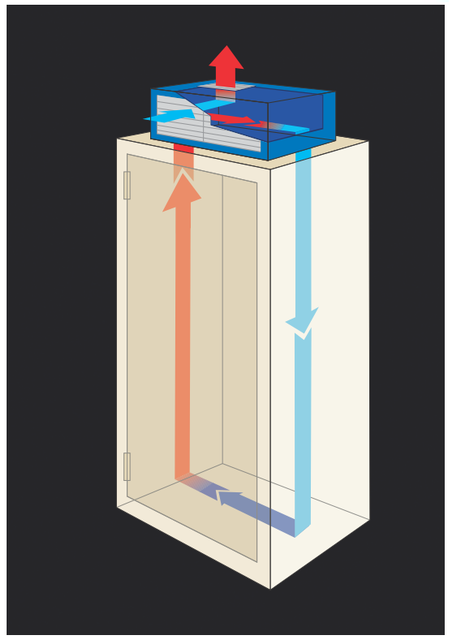
WALL-MOUNTED AIR-CONDITIONERS



- 230 V products are in stock. Please contact our customer service for 115 V or 400 V product demands.
- Please contact our customer service for your UL version product demands.

PRODUCT CODE	COOLING CAPACITY (W)	POWER SUPPLY V-ph-Hz	AIR CONDITIONER SIZES (mm) WIDTH	HEIGHT	DEPTH	FAN FLOW (m^3/h)	POWER CONSUMPTION (W)	WEIGHT Kg
CVE05002208000	550/580	230-1-50/60	315	642	221	164-195	295	17
CVE08002208000	850/900	230-1-50/60	315	642	221	406	435	27
CVE11002208000	1100/1150	230-1-50/60	413	913	248	540-580	505	44
CVE15002208000	1500/1600	230-1-50/60	413	913	248	540-580	630	46
CVE20002208000	2100/2200	230-1-50/60	413	1005	263	540-580	980	48
CVE30002208000	3000/3150	230-1-50/60	514	1219	347	890-930	1100	75

TOP MOUNTED AIR-CONDITIONERS

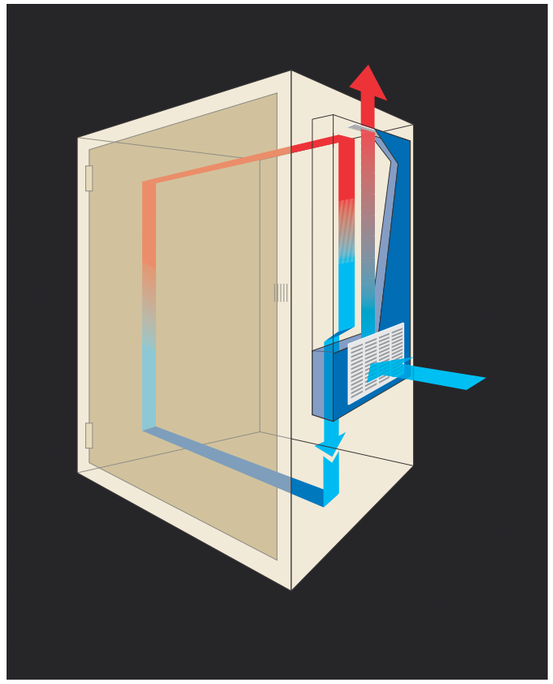


- 230 V products are in stock. Please contact our customer service for 115V or 400V product demands.
- Please contact our customer service for your UL version product demands.

PRODUCT CODE	COOLING CAPACITY (W)	POWER SUPPLY V-ph-Hz	AIR CONDITIONER SIZES (mm) WIDTH	HEIGHT	DEPTH	FAN FLOW (m^3/h)	POWER CONSUMPTION (W)	WEIGHT Kg
ETE20002207000	2000	230-1-50/60	600	450	400	860	1200	51.5
ETE41002207000	3800	230-1-50/60	800	480	450	1450	2000	76.5

AC / AIR-CONDITIONERS

WALL-MOUNTED OUTDOOR AIR-CONDITIONERS

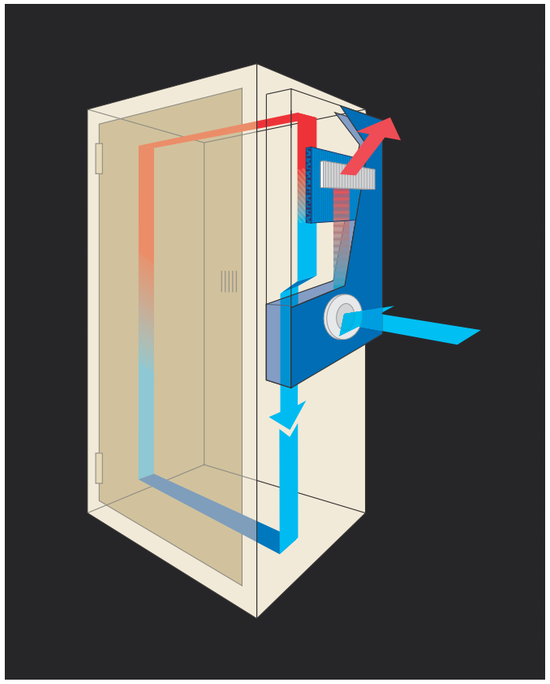


- 230V products are in stock. Please contact our customer service for 115V or 400V product demands.

PRODUCT CODE	COOLING CAPACITY (W)	POWER SUPPLY V-ph-Hz	AIR CONDITIONER SIZES (mm) WIDTH	HEIGHT	DEPTH	FAN FLOW (m^3/h)	POWER CONSUMPTION (W)	WEIGHT Kg
CVO08002208000	850/900	230-1-50/60	308	634	221	340-356	430	26
CVO15002208000	1500/1600	230-1-50/60	409	934	244	540-580	630	42
CVO20002208000	2100/2200	230-1-50/60	409	934	244	540-580	980	44
CVO40002208000	4000/4100	230-1-50/60	508	1234	375	1730-1950	1640	81

HEAT EXCHANGERS

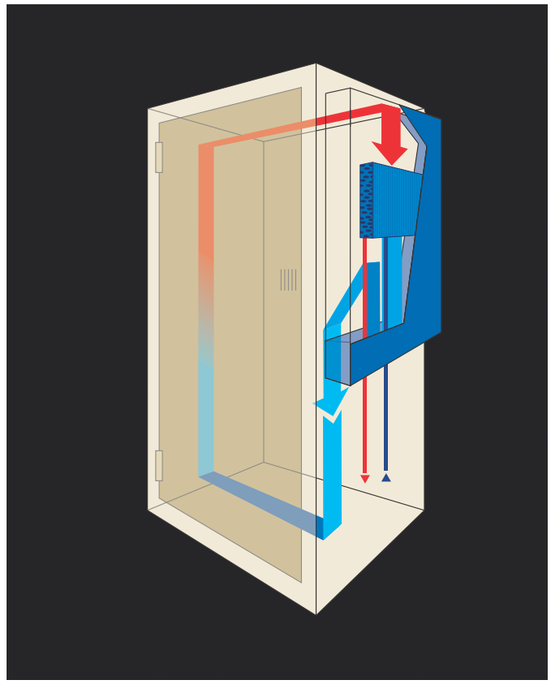
AIR / AIR HEAT EXCHANGERS (INDOOR)



PRODUCT CODE	SPECIFIC HEAT TRANSMISSION (W/K)	POWER SUPPLY V-ph-Hz	AIR CONDITIONER SIZES (mm) WIDTH	HEIGHT	DEPTH	FAN FLOW (m^3/h)	POWER CONSUMPTION (W)	WEIGHT Kg
XVA3500320	35	230-1-50/60	252	780	86	575	160	7,5
XVA8000320	80	230-1-50/60	311	1250	106	860	170	20

HEAT EXCHANGERS

AIR / WATER HEAT EXCHANGERS (INDOOR)



PRODUCT CODE	COOLING CAPACITY (W)	POWER SUPPLY V-ph-Hz	AIR CONDITIONER SIZES (mm) WIDTH	HEIGHT	DEPTH	FAN FLOW (m^3/h)	POWER CONSUMPTION (W)	WEIGHT Kg
EXW1500220	2200	230-1-50/60	400	925	205	330	575	20
EXW5000220	6700	230-1-50/60	501	1101	300	1450	215	39
EXWA500220	17500	230-1-50/60	800	2000	600	2365	170	90
EXWB000220	25000	230-1-50/60	800	2000	600	4730	340	95

HEATERS

ENCLOSURE HEATERS

Heater device : PTC semi-conductive

Heating body : Eloxal aliminium profile

Body temperature : 75-130 °C

IP Rate : IP20

Combination : with two 0,75- 1,50m² screw terminal.

- 110-230 V AC/DC
- In line with the CE norms.
- Mounting on 35mm DIN rail with a clip-on.

PRODUCT CODE	POWER (W)	BODY HEAT	HEATER SIZE (mm) WIDTH	HEIGHT	DEPTH
984.100	20	85	82	65	42
984.200	30	85	82	75	42
984.300	50	85	82	85	42
984.400	75	125	82	105	42
984.500	100	125	82	120	42
984.600	125	125	82	150	42
984.700	150	125	82	190	42

ENCLOSURE HEATERS WITH FAN

Heater device : PTC semi-conductive

Heating body : Eloxal aliminium profile

Body temperature : 120 °C

IP Rate : IP20

Combination : with 2,5mm² screw terminal.

- 110-230 V AC/DC
- In line with the CE norms.
- Mounting on 35mm DIN rail with a clip-on.

			HEATER SIZE (mm)		
PRODUCT CODE	POWER (W)	BODY HEAT	WIDTH	HEIGHT	DEPTH
984.101	300-600	120	82	180	110

FAN THERMOSTATE

Sensor device : Bimetallic thermostate

IP Rate : IP20

Product Code : **983.011** (1 pcs)

- In line with the CE norms.
- Mounting on 35mm DIN rail.
- 0,75 - 1,50 mm2 combination
- Normally opened switch (NO)
- 110-230 V AC/DC 10A

HEATER THERMOSTATE

Sensor device : Bimetallic thermostate

IP Rate : IP20

Product Code : **983.012** (1 pcs)

- In line with the CE norms.
- Mounting on 35mm DIN rail.
- 0,75 - 1,50 mm2 combination
- Normally closed switch (NC)
- 110-230 V AC/DC 10A

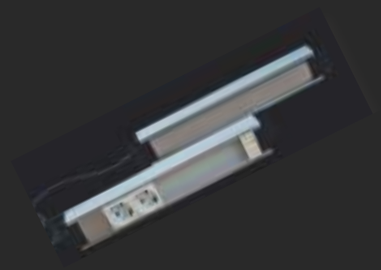
HYGROSTAT

Sensor device : Bimetallic thermostate

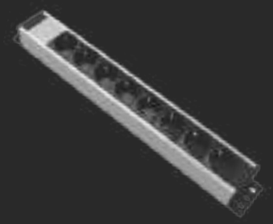
IP Rate : IP20

Product Code : **983.013** (1 pcs)

- In line with the CE norms.
- Mounting on 35mm DIN rail.
- 2,5mm2 combination.
- Both open and closed switch (NO/NC)
- For simultaneous cooling and heating applications.
- 110-230 V AC/DC



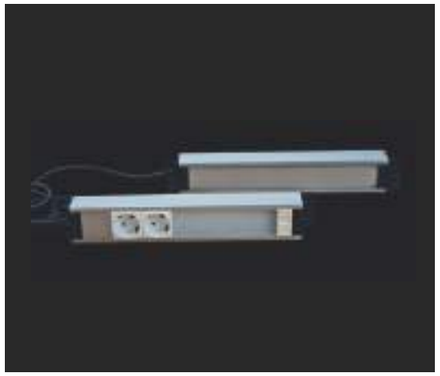
LIGHTING ACCESSORIES 368



GROUP POWER SOCKETS 370

LOCK ACCESSORIES 372

MOUNTING ACCESSORIES 374



LED LIGHT ENCLOSURE LAMP (SCREWED/TYPE)

- 230V AC 6W
- 2 pcs of socked plugs+switch cable

Product Code : 901.110

LED LIGHT ENCLOSURE LAMP (MAGNETIC/TYPE)

- 230V AC 6W
- 2 pcs of socked plugs+switch cable

Product Code : 901.120

LED LIGHT ENCLOSURE LAMP (FLAT /TYPE)

- 230V AC 8W

Product Code : 901.130 - 5W
901.140 - 7W

ASSEMBLY SUPPORT PRODUCTS
LIGHTING ACCESSORIES

DOOR LAMP SWITCH

- 230V, 3A, IP 65 protection
- Without cable

Product Code : 902.110 (1 pcs)

REQUIRED : Switch bracket is needed for the switch mounting. Please see page 185

DOOR LAMP SWITCH (MINI SWITCH)

- 230V
- Without cable

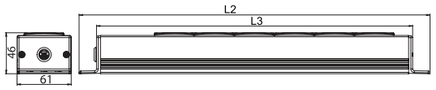
Product Code : 902.100 (1 pcs)

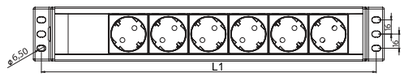
GROUP POWER SOCKETS

GROUP POWER SOCKETS (STANDARD)

- The sockets fixes into aluminium inlet
- 230V AC, 10/16A
- Earthed socket constructes
- 2 meter 3x1,5 TTR cable and plug
- Place contact with our customer service as to you special requirements

Product Code	OUTPUT SOCKET Qty.	SOCKET TYPE	19'' COMPATIBILITY	L1 (mm)	L2 (mm)	L3 (mm)
990.200	6	Network		375	393	354
990.201	7	Network		420	438	399
990.202	8	Network	***	465	483	444
990.203	9	Network		510	528	489
990.204	6	UPS		375	393	354
990.205	7	UPS		420	438	399
990.206	8	UPS	***	465	483	444
990.207	9	UPS		510	528	489

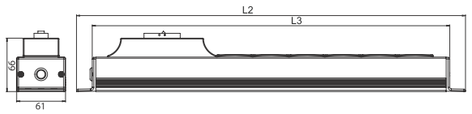


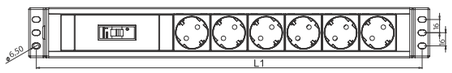


GROUP POWER SOCKETS (WITH FUSE)

- The sockets fixes into aluminium inlet
- 230V AC, 10/16 A
- 16 A Fuse
- Earthed socket constructes
- 2 meter 3x1,5 TTR cable and plug
- Place contact with our customer service as to you special requirements

Product Code	OUTPUT SOCKET Qty.	SOCKET TYPE	19'' COMPATIBILITY	L1 (mm)	L2 (mm)	L3 (mm)
990.208	6	Network	***	465	483	444
990.209	7	Network		510	528	489
990.210	8	Network		555	573	534
990.211	9	Network		600	618	579
990.212	6	UPS	***	465	483	444
990.213	7	UPS		510	528	489
990.214	8	UPS		555	573	534
990.215	9	UPS		600	618	579



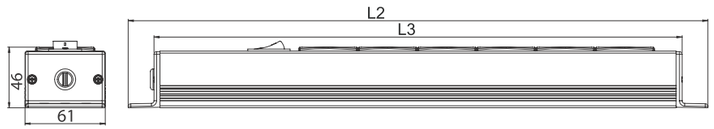


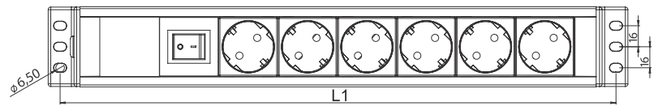
GROUP POWER SOCKETS

GROUP POWER SOCKETS (WITH SWITCH)

- The sockets fixes into aluminium inlet
- 230V AC 10/16A
- ON/OFF switch
- Earthed socket constructes
- 2 meters 3x1,5 TTR cable and plug
- Place contact with our customer service as to you special requirements

Product Code	OUTPUT SOCKET Qty.	SOCKET TYPE	19'' COMPATIBILITY	L1 (mm)	L2 (mm)	L3 (mm)
990.216	6	Network		420	438	399
990.217	7	Network	***	465	483	444
990.218	8	Network		510	528	489
990.219	9	Network		555	573	534
990.220	6	UPS		420	438	399
990.221	7	UPS	***	465	483	444
990.222	8	UPS		510	528	489
990.223	9	UPS		555	573	534





LOCK ACCESSORIES

PLASTIC HANDLE LOCK

- Double-bit is standard.
- Relevance: Ares

Product Code : 951.104 (1 pcs)

CAM LOCK

- Double-bit is standard.
- Relevance: DM Series

Product Code : 951.100 (1 pcs)

METAL SPRING LOCK

- Made from zinc, double-bit insert.

Product Code : 951.200 (1 pcs)

HANDLE LOCK

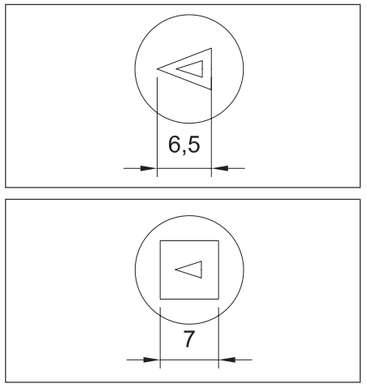
- Made from zinc

Product Code : 951.205 (1 pcs)

Relevance: Ares

Product Code : 951.204 (1pcs)

LOCK ACCESSORIES



INSERTS

- Plastic handle lock, spring lock and metal spring lock

Relevance : **ARES**

Product Code : 6,50 mm triangle insert : **951.211** (1 pcs)
7 mm square insert : **951.212** (1 pcs)

KEYS

Product Code : Double-bit plastic : **952.100**
Double-bit metal : **952.101**
6,50 mm triangle insert : **952.200** (1 pcs)
7 mm square insert : **952.201** (1 pcs)

KEYS (ENCRYPTED)

Product Code : Euro Key 5333 For DM, DT, HC, RC, PC : **952.300** (1 pcs)

MOUNTING ACCESSORIES

DIN RAIL

Material : 1,00 mm mild steel + Zinc Coated

Product Code : H 7,50 mm : **990.102** (2 m)
H 15,00 mm : **990.100** (2 m)

MCB BLANK PANEL

Material : ABS Plastic

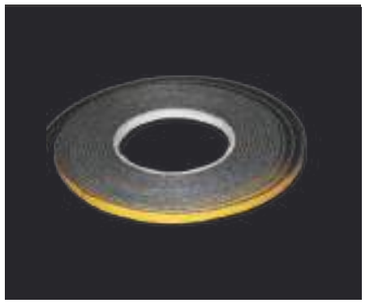
- 175 mm length, 12 parts

Product Code : **990.101** (1 pcs)

KNITTED EARTHING CABLE

Material : Copper + Tin-plating

Product Code : (DM) M5 screw-perforation 163 mm : **991.200** (10 pcs)
(Ares DT) M5 screw-perforation 260 mm : **991.201** (10 pcs)
(Teos) M8 screw-perforation 260 mm : **991.202** (5 pcs)
Knitted Flex earthing cable 163 mm : **991.205** (1 pcs)
Knitted Flex earthing cable 260 mm : **991.204** (1 pcs)



UNIT COMBINATION GASKET

Material : Polyethylene 10x3mm

Product Code : **992.100** (1 pocket / 5,60 m)

ASSEMBLY SUPPORT PRODUCTS

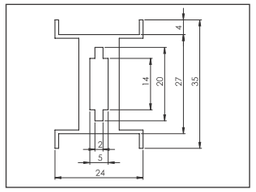
MOUNTING ACCESSORIES

ALUMINIUM DIN RAIL

Product Code : **1026.320**

Material : Extruded Aluminium + Anodized Coated

Supply includes : 5 x 2000mm Length Aluminium Rail



FLAT TYPE HOLDER

Product Code : **1026.500**

Relevance : **Aluminium Din Rail (1026.320)**

Material : Zinc Die Cast + RAL 7035

Supply includes : 10 x Holders

VERTICAL TYPE HOLDER

Product Code : **1026.600**

Relevance : **Aluminium Din Rail (1026.320)**

Material : Zinc Die Cast + RAL 7035

Supply includes : 10 x Holders

M8 SPACERS

Product Code : **1026.005 (50mm Height)**
1026.010 (100mm Height)

Supply includes : 12 pcs

WALL BRACKET

Relevance : Ares

Material : 2,5 mm Mild Steel + Zinc Coated

Supply includes : 4 pcs wall bracket, combination screws

Product Code : 971.100

WALL BRACKET

Relevance : KT, DM

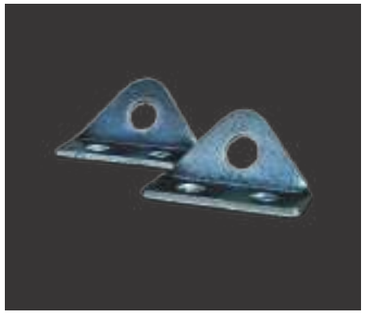
Material : 2,5 mm Mild Steel + Zinc Coated

Supply includes : 4 pcs wall bracket, gasket, M8 connection screws

Product Code : 971.300

Load Carrying Capacity : 2800 Newton - Vertical

Load Carrying Capacity : 1500 Newton - Horizontal



COMBINATION ANGLE

Material : 4.00 mm mild steel + Zinc Coated

Supply includes : 2 pcs support angle

- Only for DT series.

Product Code : 970.300

ASSEMBLY SUPPORT PRODUCTS
MOUNTING ACCESSORIES

CASTOR SET 50 mm and 80 mm

Supply includes : 2 pcs castor with brakes, 2 pcs castor without brakes, all of them are rotating

Product Code : 50 mm **995.501**
80 mm **995.502**

PLASTIC PLAN POCKET

Material : ABS RAL 7035

Product Code : A4 Size : **994.400**
B5 Size : **994.500**

SPRAY RETOUCH PAINT RAL 7035

Product Code : **996.200** (1 pcs)

STAINLESS STEEL MAINTENANCE SPRAY

Product Code : 996.400

MOUNTING ACCESSORIES

M5x10 SELF TAPPING

- Self topping screw can top 4.50 mm holes

Product Code : 993.105 (100 pcs)

SELF-DRILLING SCREW

- Self-drilling steel screw

Product Code : 993.106 (100 pcs)

M5x15 HEXAGON SELF TAPPING SCREW

- Self topping screw can top 4.50 mm holes

Product Code : 993.107 (100 pcs)

M6 CAGE NUT

- Nut used for mounting rear sheet steel in size 8,50 X 8,50 mm – 9,50 mm square perforations.

Product Code : 994.160 (100 pcs)

MOUNTING ACCESSORIES

M6 HIDE NUT

- Used for mounting the support rails and mounting rails on the enclosure. Mounted on the closed and open profiles from the front surface, 9,50x9,50 mm square perforations.

Product Code : 994.170 (100 pcs)

M6 SCREW NUT SET

- Screw set used for mounting 19'' equipments on the profile with cage nut and M6x 15 screw.

Supply includes : 100 pcs M6 cage nut, 100 pcs plastic washer ring, 100 pcs M6X 15 screw

Product Code : 993.420

M6 STOPPER SCREW

- Used on rear and side panels of Teos series. Self-stopping structure and prevents panel overtigthtening.

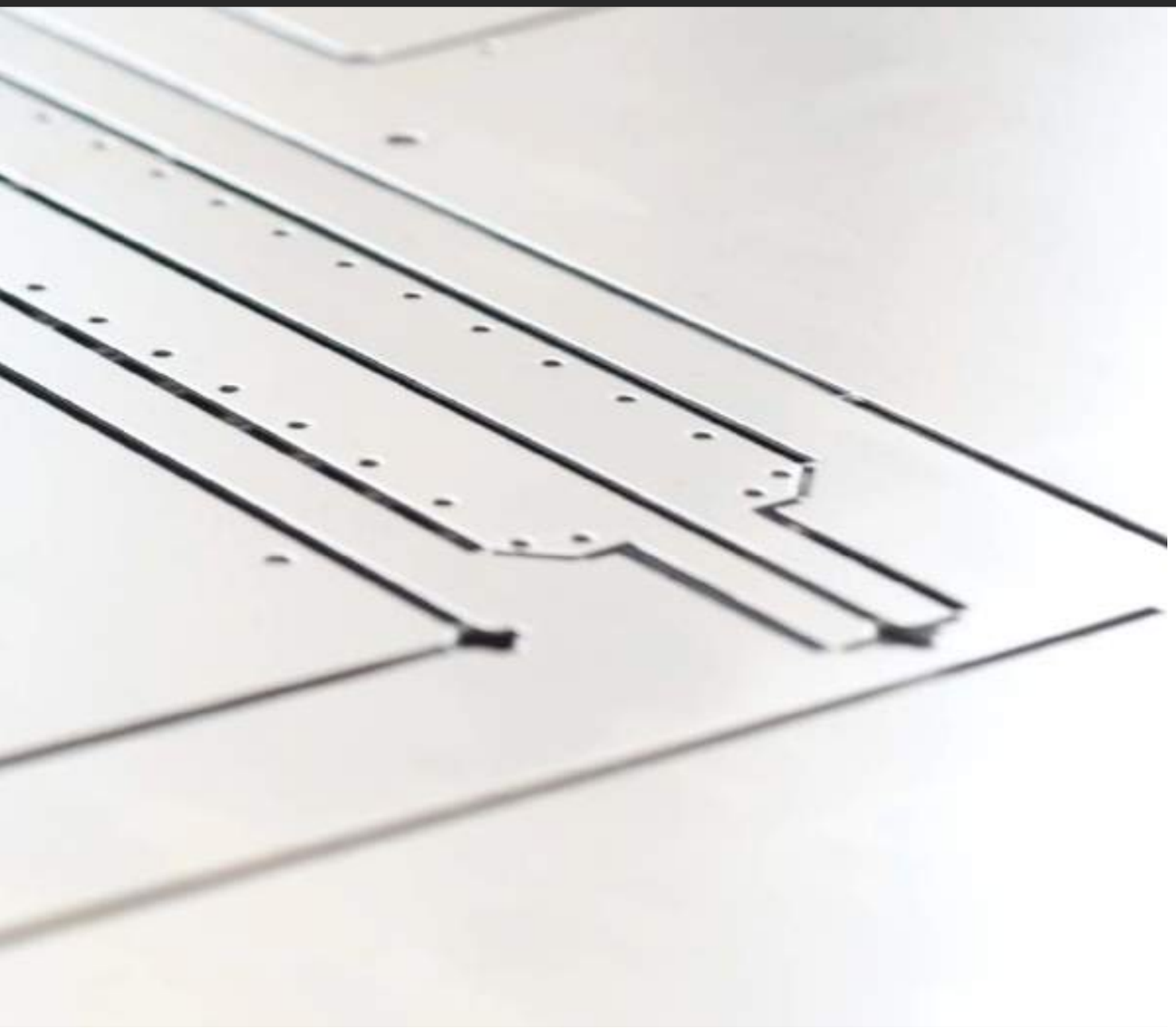
Product Code : 993.322 (16 pcs)

M12 x 30 SCREW and WASHER SET

- It ise used in enclosure baying and fiting on plinth

Supply includes : 4 pcs screw and washer

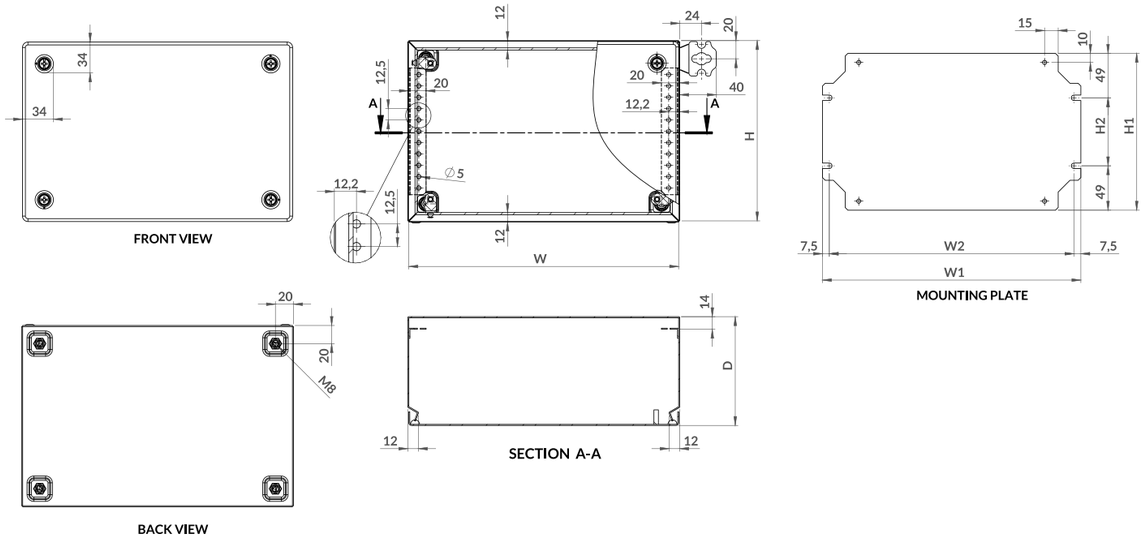
Product Code : 993.108 (4 set)



Durability

The enclosures have been designed by experienced engineers for ease of use and durability.

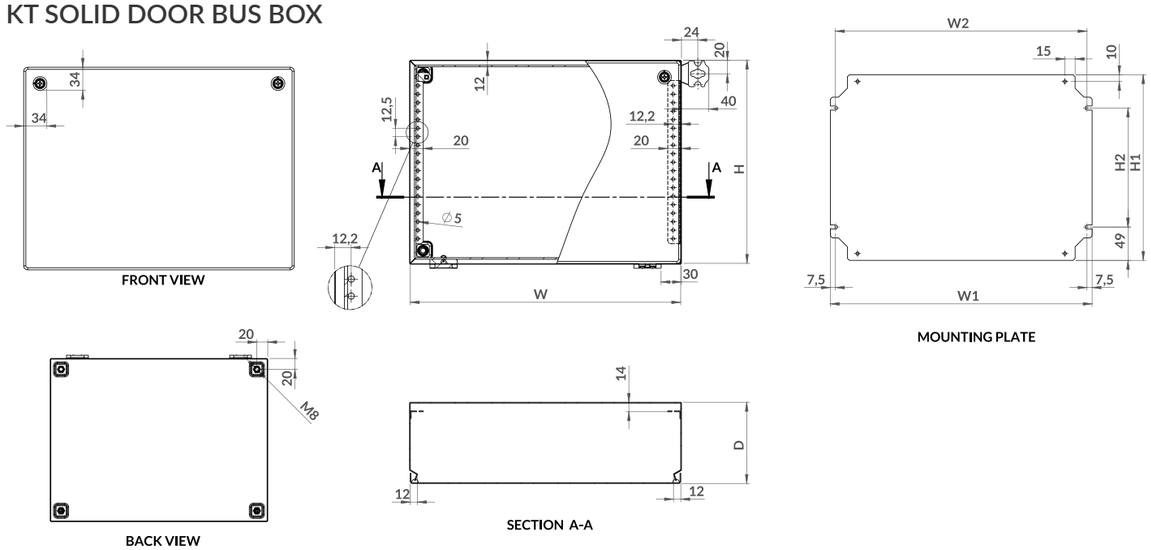
KT TERMINAL BOX



ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
150	135	120	150	123	25	80
200	185	170	200	173	75	
300	285	270	300	273	175	120
400	385	370	400	373	275	
500	485	470				
600	585	570				
800	785	770				

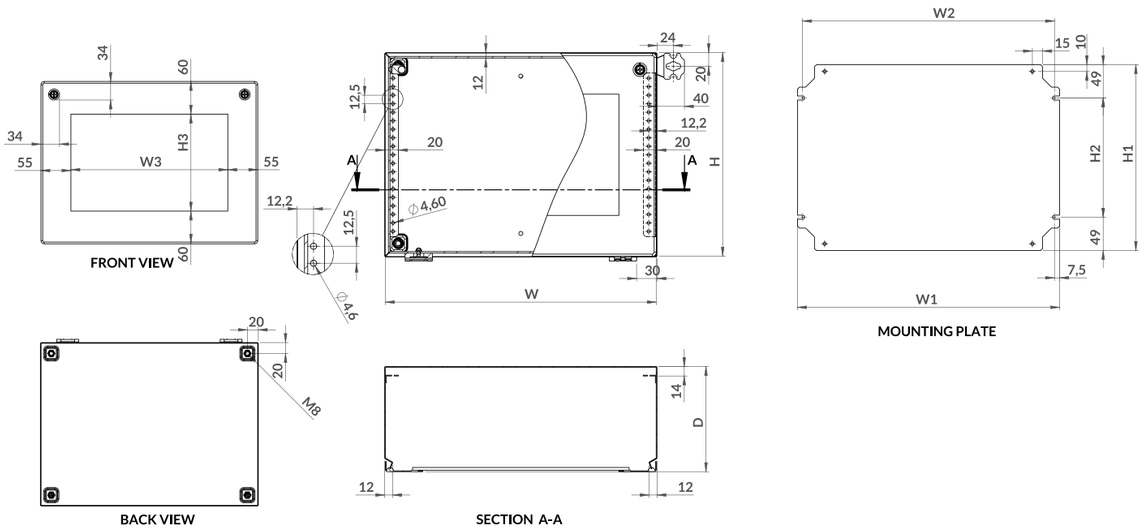
KT BUS BOX

KT SOLID DOOR BUS BOX



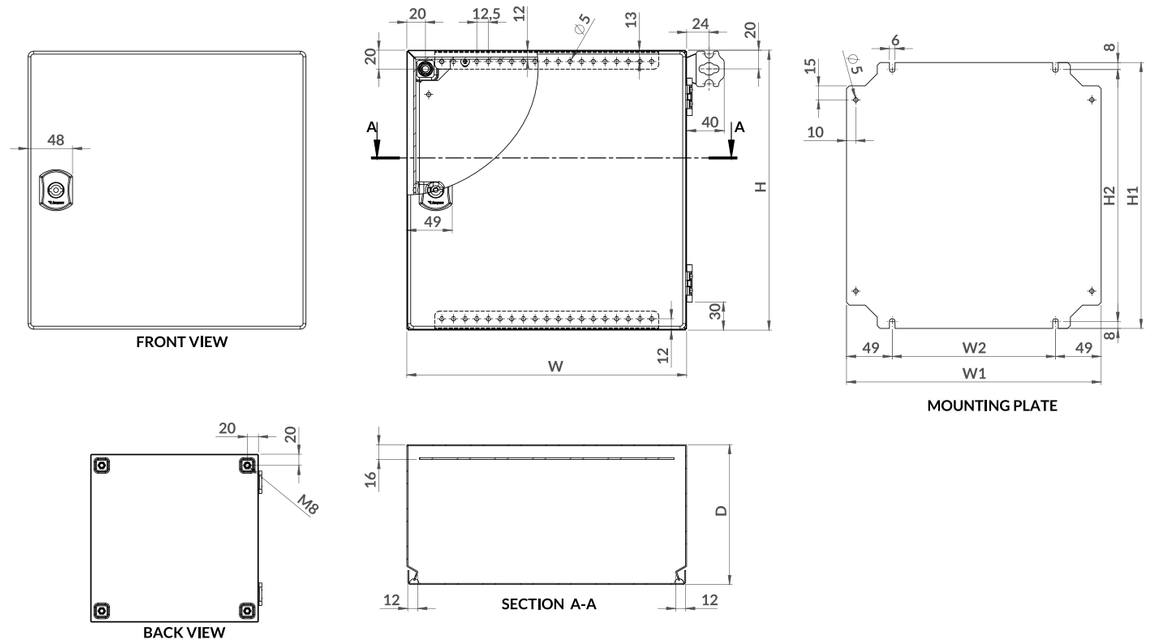
ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
400	385	370	200	173	25	155
600	585	570	300	273	175	
800	785	770	-	-	-	-

KT GLAZED DOOR BUS BOX



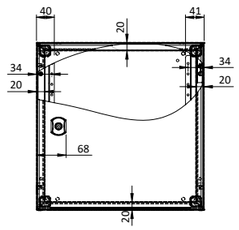
ENCLOSURE WIDTH (W)	W1	W2	W3	ENCLOSURE HEIGHT (H)	H1	H2	H2	ENCLOSURE DEPTH (D)
400	385	370	288	200	173	25	78	155
600	585	570	488	300	273	75	178	
800	785	770	688	-	-	-	-	-

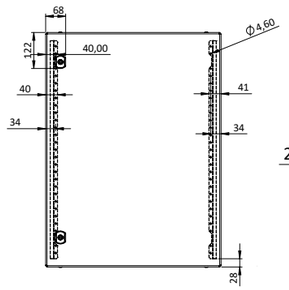
DM-SMALL ENCLOSURE



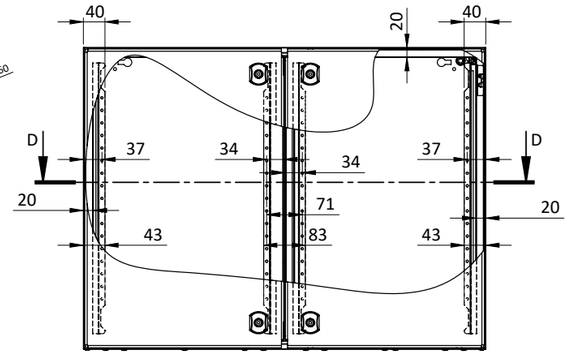
ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
200	185	75	200	173	170	150
250	235	125	250	223	220	
300	285	175	300	273	270	-
400	385	275	400	373	370	

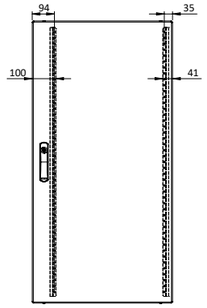
DM-MEDIUM SOLID DOOR ENCLOSURE



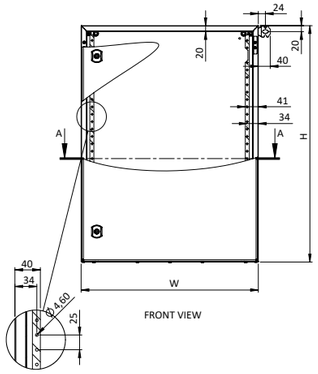


QUARTER TURN HANDLE LOCK
FRONT VIEW

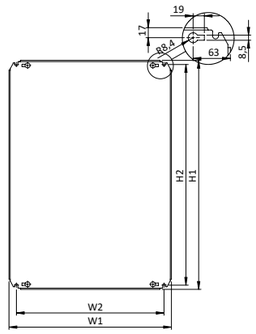




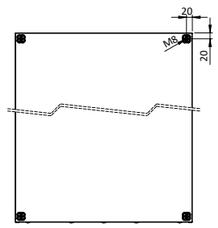
HANDLE LOCK DOOR
FRONT VIEW



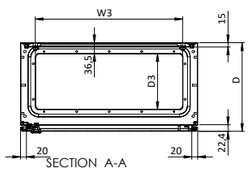
FRONT VIEW



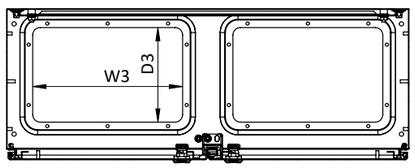
MOUNTING PLATE



BACK VIEW



SECTION A-A



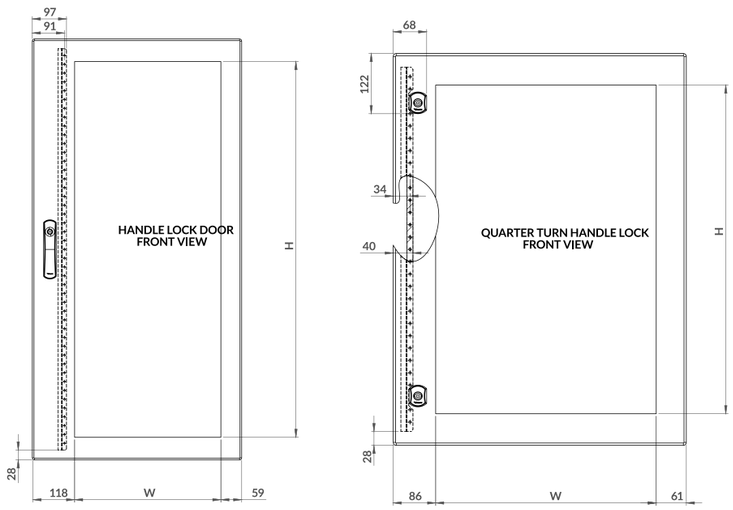
SECTION D-D

DM-MEDIUM DOUBLE-DOOR ENCLOSURE

ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
250	200	150	300	275	247	150
300	250	200	350	325	297	210
400	350	300	400	375	347	260
500	450	400	500	475	447	300
600	550	500	600	575	547	400
800	750	700	700	675	647	-
-	-	-	800	775	747	-
-	-	-	1000	975	947	-
-	-	-	1200	1175	1147	-

DM-MEDIUM GLAND PLATE CUT-OUT DIMENSIONS			
ENCLOSURE WIDTH (W) x DEPTH (D)	W3 (mm)	D3 (mm)	NUMBER OF GLAND PLATES
300x210	200	115	1
400x210	300	115	1
400x260	300	115	1
400x300	300	190	1
500x210	400	115	1
500x260	400	115	1
500x300	400	190	1
600x210	500	115	1
600x260	500	115	1
600x300	500	190	1
600x400	500	190	1
800x210	300	115	2
800x260	300	115	2
800x300	300	115	2

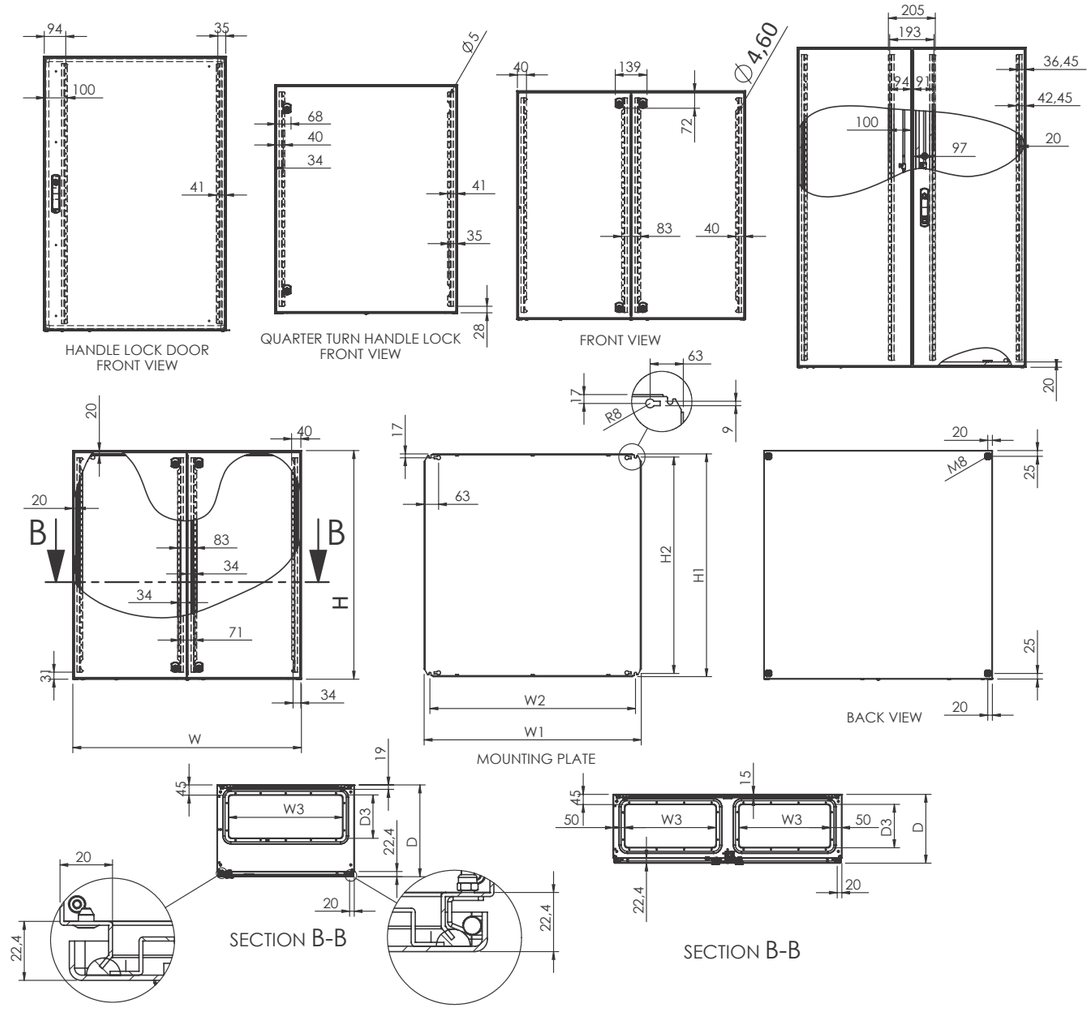
DM-MEDIUM GLAZED DOOR ENCLOSURE



ENCLOSURE WIDTH (W)	ENCLOSURE HEIGHT (H)	W	H
400	500	247	366
400	600	247	466
500	600	347	466
500	700	347	566
600	600	447	466
600	800	447	666
600	1000	447	866
600	1200	415	1066
800	1000	647	866
800	1200	615	1066

DM-MEDIUM GLAND PLATE CUT-OUT DIMENSIONS			
ENCLOSURE WIDTH (W) x DEPTH (D)	W3 (mm)	D3 (mm)	NUMBER OF GLAND PLATES
400x210	300	115	1
400x260	300	115	1
400x300	300	190	1
500x210	400	115	1
500x260	400	115	1
500x300	400	190	1
600x210	500	115	1
600x260	500	115	1
600x300	500	190	1
600x400	500	190	1
800x210	300	115	2
800x260	300	115	2
800x300	300	115	2

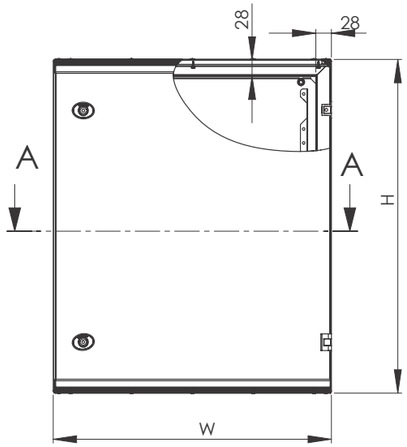
DM-LARGE SOLID DOOR ENCLOSURE

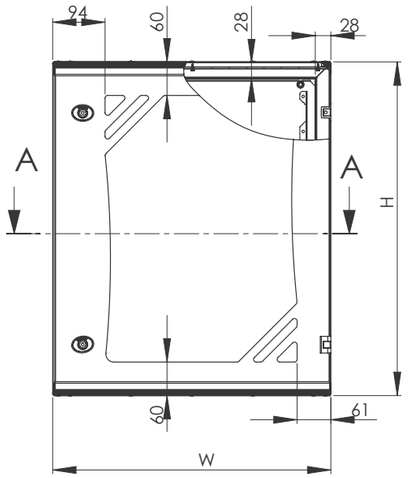


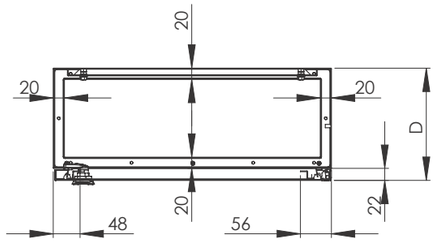
ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
600	550	500	800	775	747	300
800	750	700	1000	975	947	
1000	950	900	1200	1175	1147	400
1200	1150	1100	1400	1375	1347	

DM-LARGE GLAND PLATE CUT-OUT DIMENSIONS			
ENCLOSURE WIDTH (W) x DEPTH (D)	W3 (mm)	D3 (mm)	NUMBER OF GLAND PLATES
600x400	500	190	1
800x400	300	190	2
1000x300	400	190	2
1000x 400	400	190	2
1200x300	500	190	2
1200x400	500	190	2

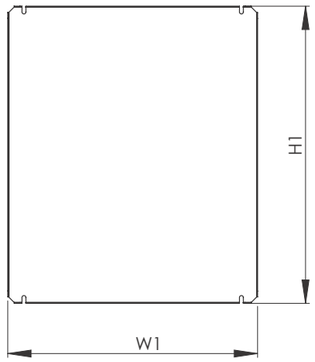
ARES SERIES







SECTION A-A

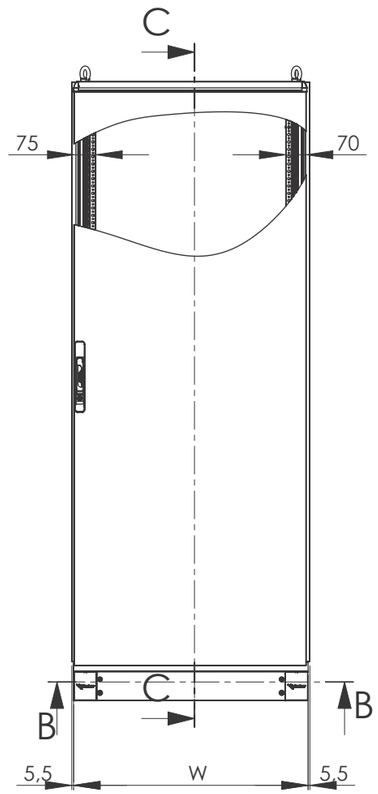


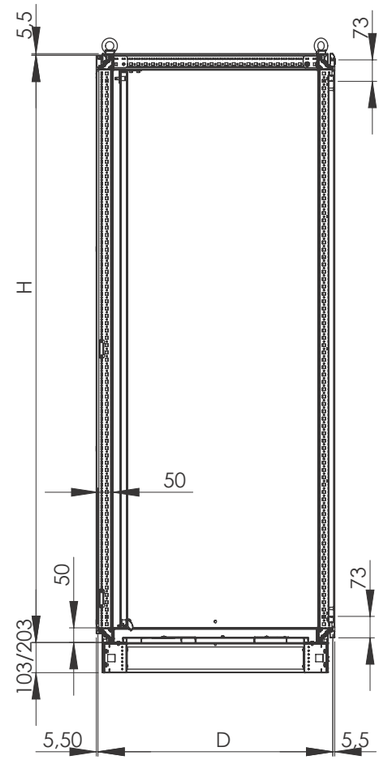
ENCLOSURE WIDTH	W	W1
300	300	249
400	400	349
500	500	449
600	600	549
800	800	749

ENCLOSURE DEPTH	D
150	150
200	200
280	280

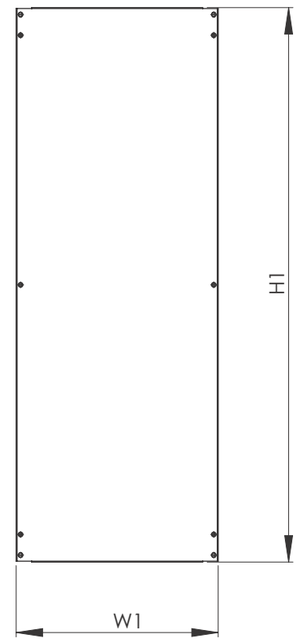
ENCLOSURE HEIGHT	H	H1
400	400	334
500	500	434
600	600	534
700	700	634
800	800	734
1000	1000	934
1150	1150	1084

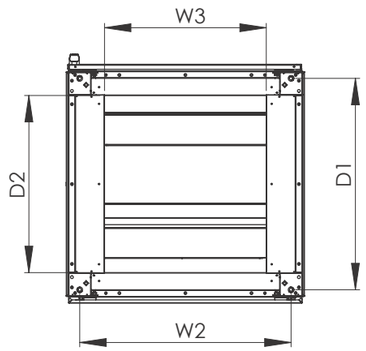
TEOS SERIES SINGLE DOOR





SECTION C-C





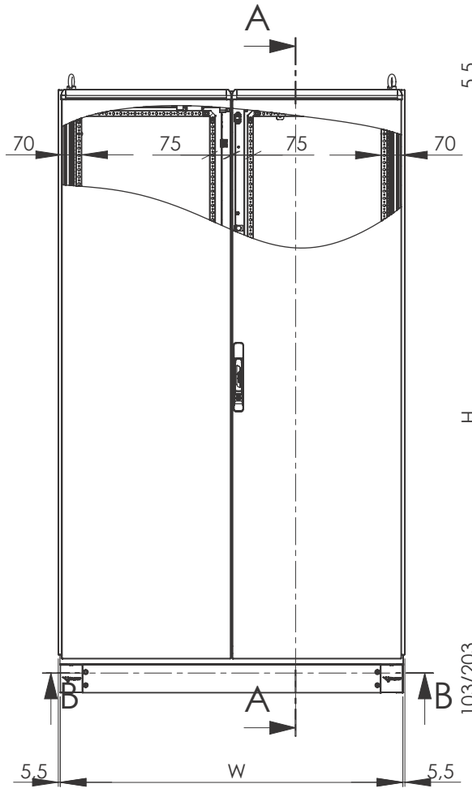
SECTION B-B

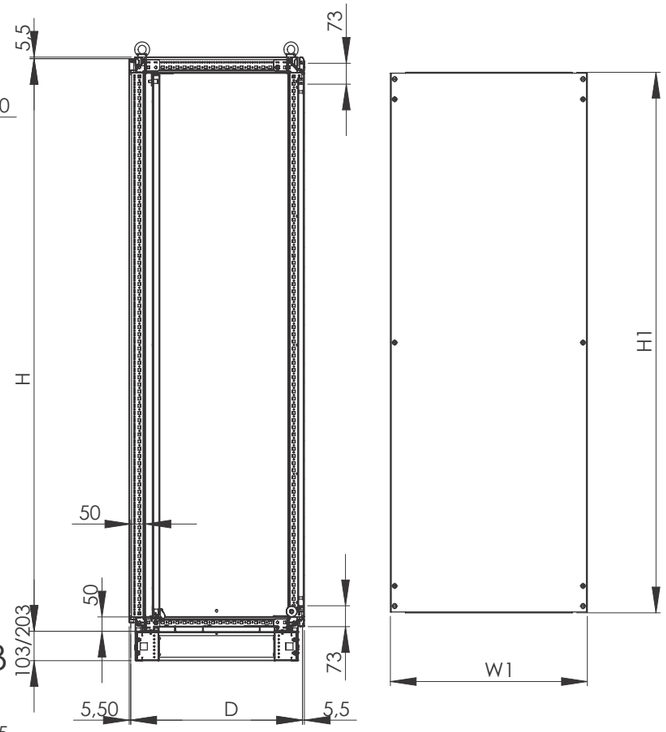
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	-	320	151
500	500	388	420	251
600	600	488	520	351
700	700	588	620	451
800	800	688	720	551
1000	1000	888	920	444,5x2
1200	1200	1088	1120	544,5x2

ENCLOSURE DEPTH	D	D1	D2
400	400	320	203
500	500	420	303
600	600	520	403
700	700	620	503
800	800	720	603

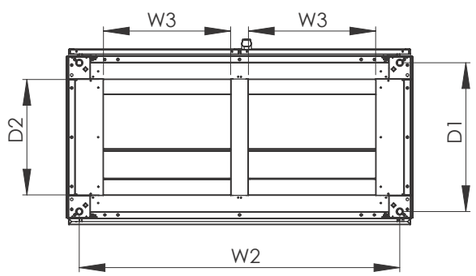
ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888
2200	2200	2088

TEOS SERIES DOUBLE DOOR





SECTION A-A



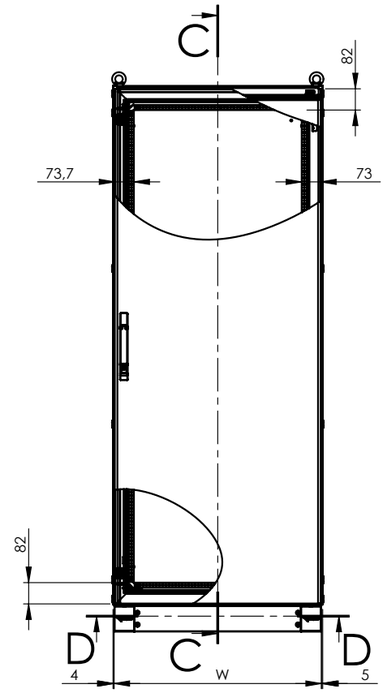
SECTION B-B

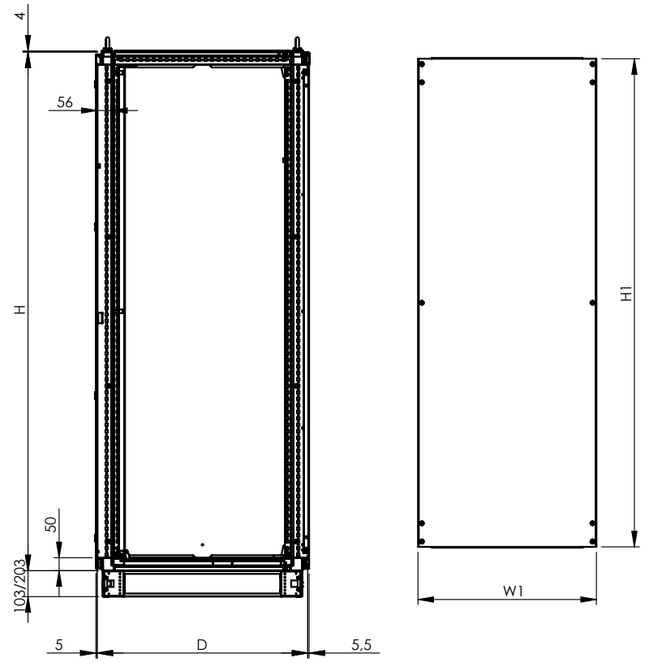
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	-	320	151
500	500	388	420	251
600	600	488	520	351
700	700	588	620	451
800	800	688	720	551
1000	1000	888	920	444,5x2
1200	1200	1088	1120	544,5x2

ENCLOSURE DEPTH	D	D1	D2
400	400	320	203
500	500	420	303
600	600	520	403
700	700	620	503
800	800	720	603

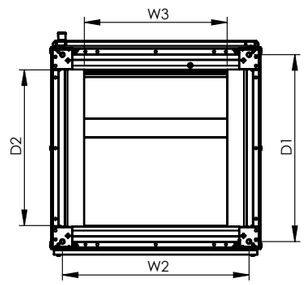
ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888
2200	2200	2088

NEO MODULAR SERIES SINGLE DOOR





SECTION C-C



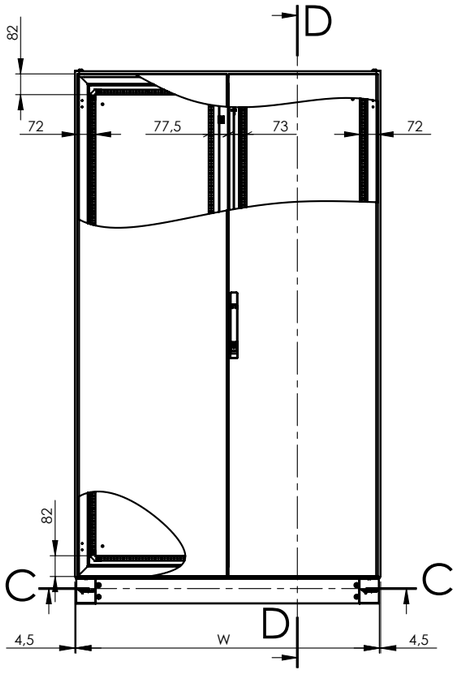
SECTION D-D

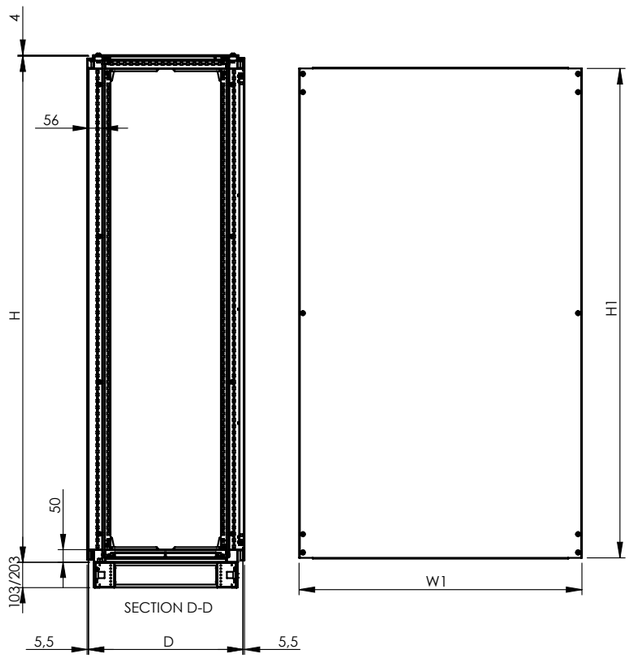
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	-	320	151
600	600	488	520	351
800	800	688	720	551
1000	1000	888	920	344,5x2
1200	1200	1088	1120	544,5x2

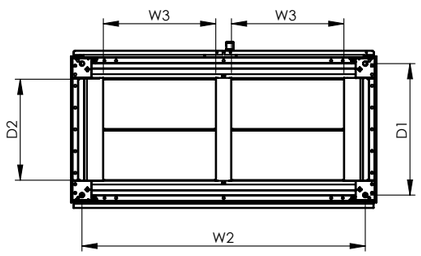
ENCLOSURE DEPTH	D	D1	D2
400	370	320	203
500	470	420	303
600	570	520	403
800	770	720	603

ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888

NEO MODULAR SERIES DOUBLE DOOR







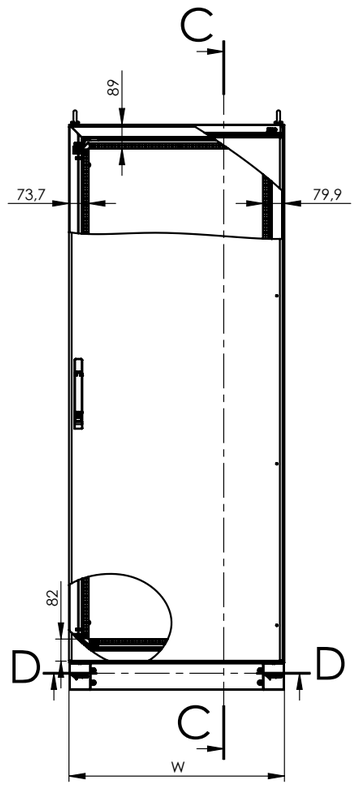
SECTION B-B

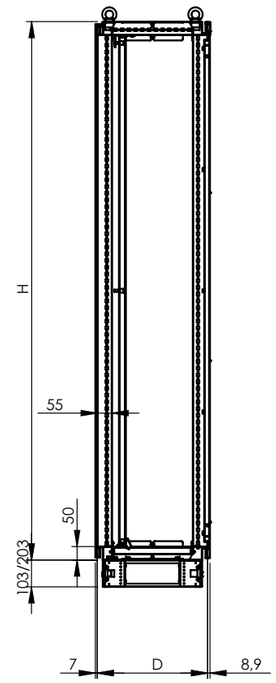
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	-	320	151
600	600	488	520	351
800	800	688	720	551
1000	1000	888	920	344,5x2
1200	1200	1088	1120	444,5x2

ENCLOSURE DEPTH	D	D1	D2
400	370	320	203
500	470	420	303
600	570	520	403
800	770	720	603

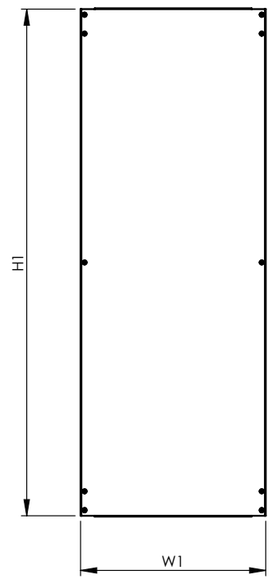
ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888

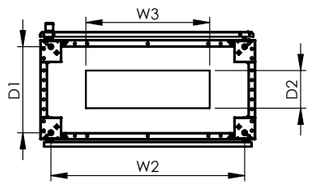
NEO MONOBLOCK SERIES SINGLE DOOR





SECTION C-C





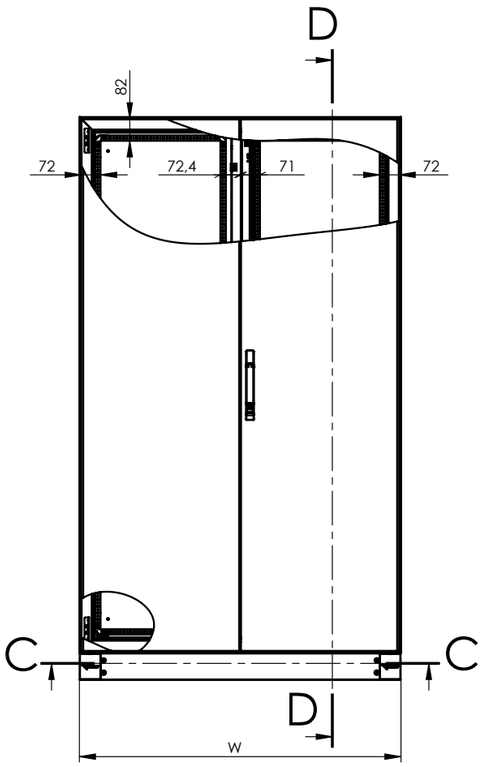
SECTION D-D

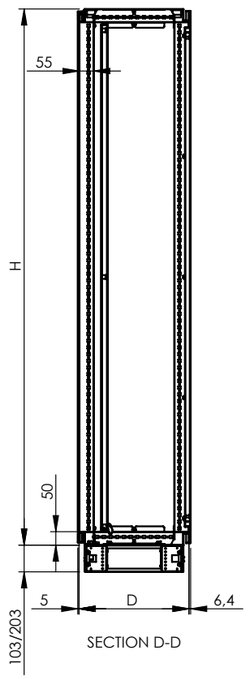
ENCLOSURE WIDTH	W	W1	W2	W3
600	600	488	520	260
800	800	688	720	460
1000	1000	888	920	260x2
1200	1200	1088	1120	360x2

ENCLOSURE DEPTH	D	D1	D2
400	370	320	140
500	470	420	140
600	570	520	140

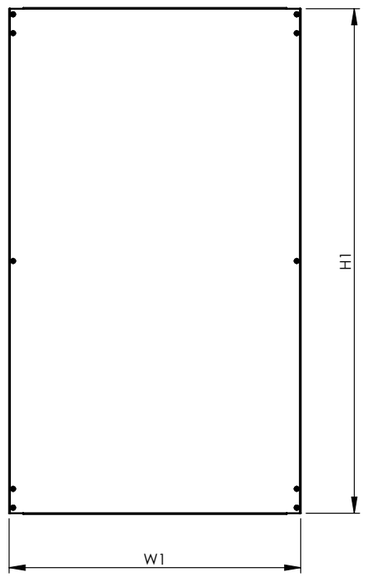
ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888

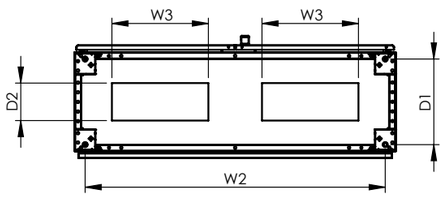
NEO MONOBLOCK SERIES DOUBLE DOOR





SECTION D-D





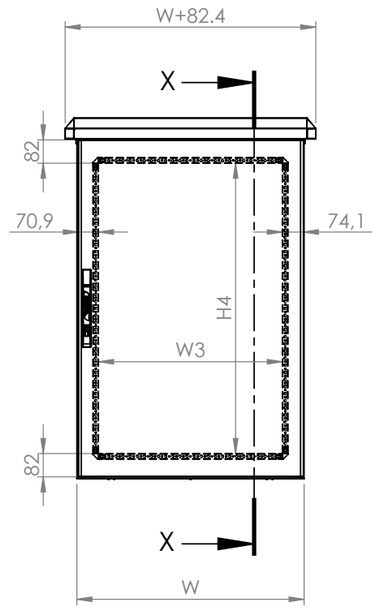
SECTION C-C

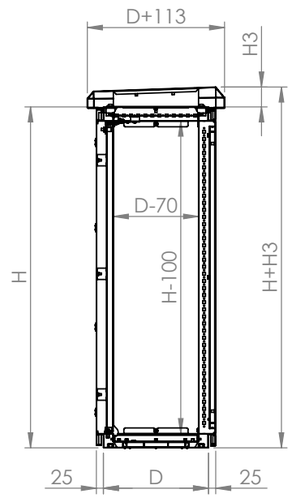
ENCLOSURE WIDTH	W	W1	W2	W3
600	600	488	520	351
800	800	688	720	551
1000	1000	888	920	260x2
1200	1200	1088	1120	360x2

ENCLOSURE DEPTH	D	D1	D2
400	370	320	140
500	470	420	140
600	570	520	140

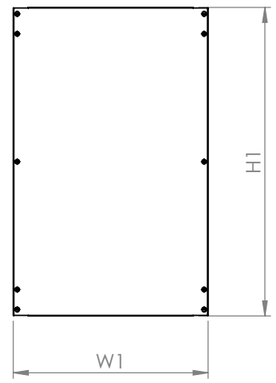
ENCLOSURE HEIGHT	H	H1
1200	1200	1088
1600	1600	1488
1800	1800	1688
2000	2000	1888

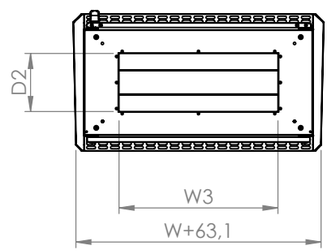
NEO HC MONOBLOCK SERIES SINGLE DOOR (CLOSED SIDE)

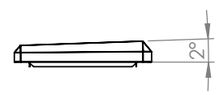




SECTION X-X







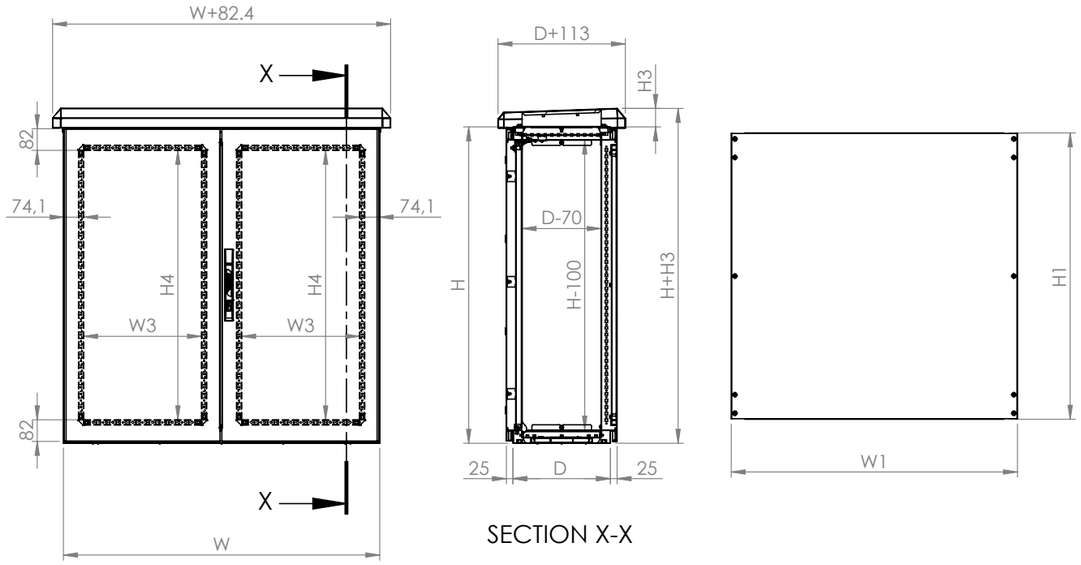
ENCLOSURE WIDTH	W1	W2	W3
600	600	488	447
800	800	688	647
1200	1200	1088	447

ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222

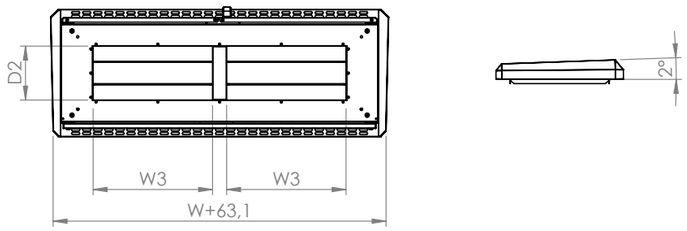
ENCLOSURE DEPTH	D	D2
400	370	204,4
600	570	404,4

ENCLOSURE DEPTH	H3
400	70
600	77

NEO HC MONOBLOCK SERIES DOUBLE DOOR (CLOSED SIDE)



SECTION X-X



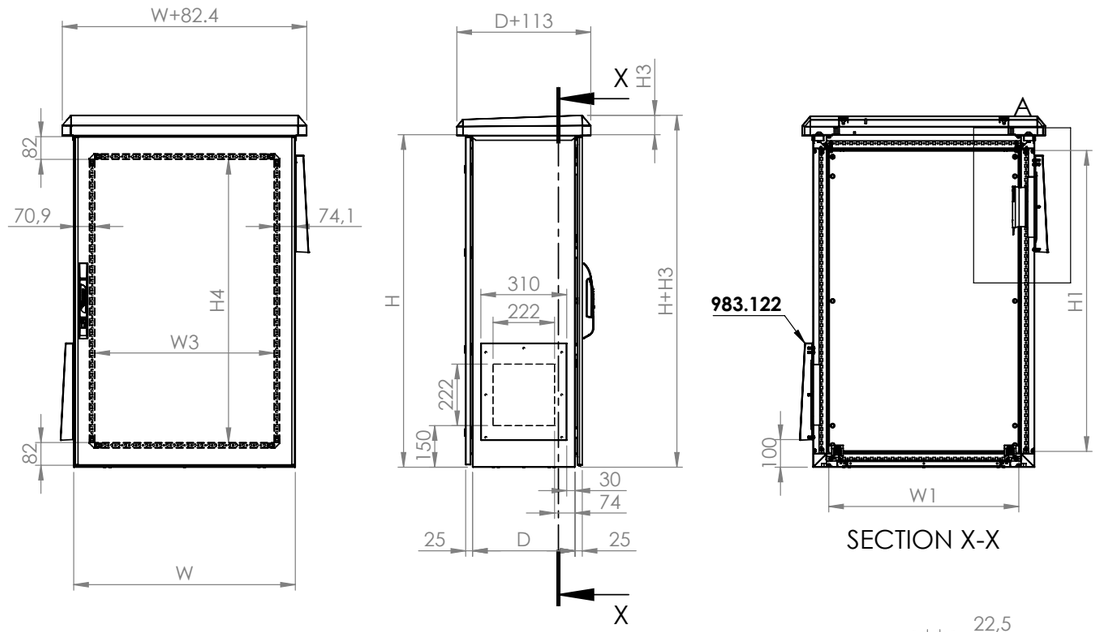
ENCLOSURE WIDTH	W1	W2	W3
600	600	488	447
800	800	688	647
1200	1200	1088	447

ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222

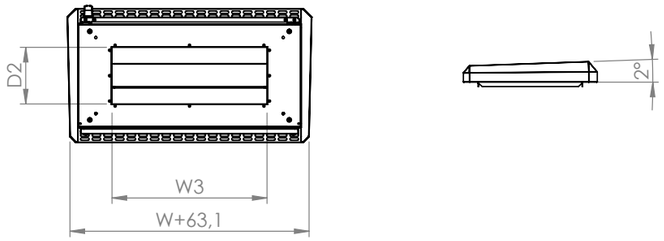
ENCLOSURE DEPTH	D	D2
400	370	204,4
600	570	404,4

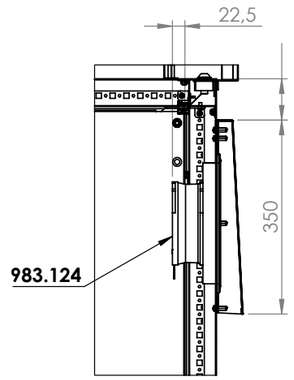
ENCLOSURE DEPTH	H3
400	70
600	77

NEO HC MONOBLOCK SERIES SINGLE DOOR (FILTER CUT OUT)



SECTION X-X





DETAIL A
SCALE 1 : 10

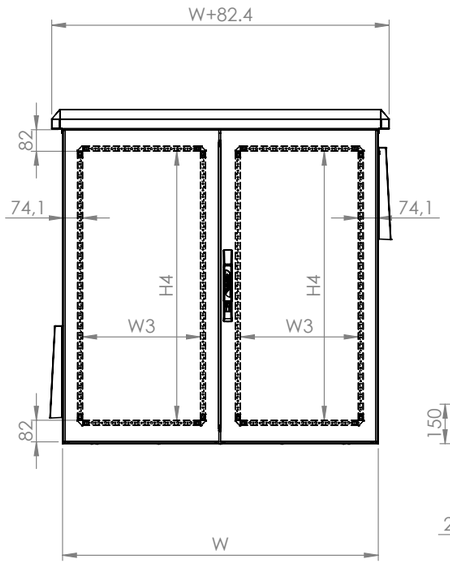
ENCLOSURE WIDTH	W1	W2	W3
600	600	488	447
800	800	688	647
1200	1200	1088	447

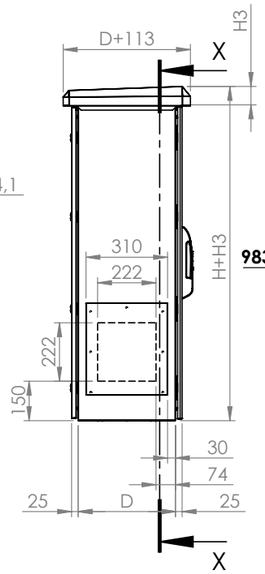
ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222

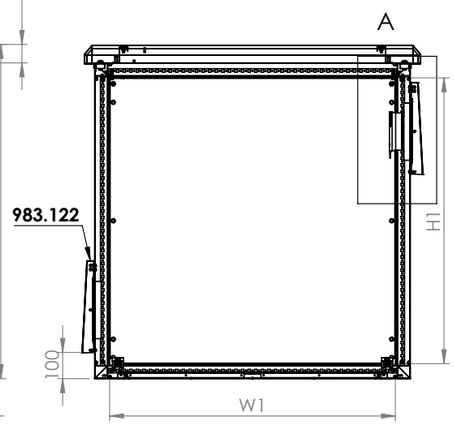
ENCLOSURE DEPTH	D	D2
400	370	204,4
600	570	404,4

ENCLOSURE DEPTH	H3
400	70
600	77

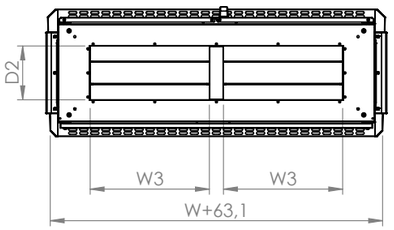
NEO HC MONOBLOCK SERIES DOUBLE DOOR (FILTER CUT OUT)

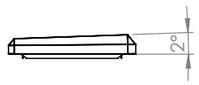


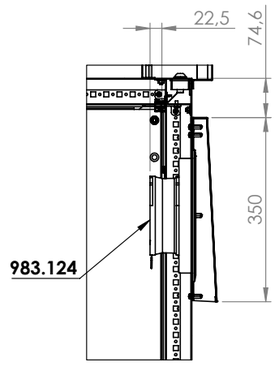




SECTION X-X







DETAIL A
SCALE 1 : 10

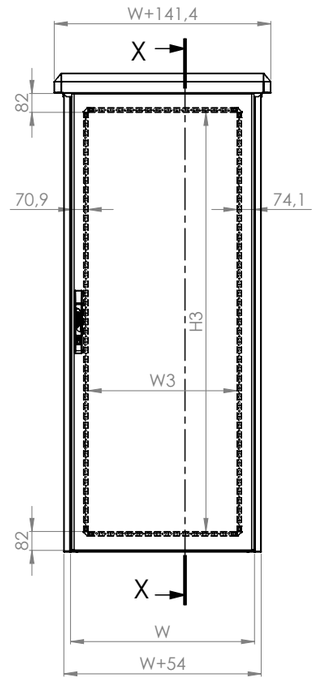
ENCLOSURE WIDTH	W1	W2	W3
600	600	488	447
800	800	688	647
1200	1200	1088	447

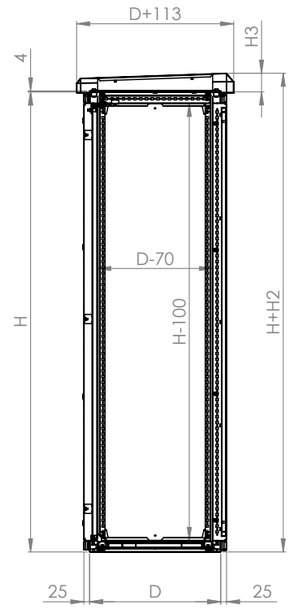
ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222

ENCLOSURE DEPTH	D	D2
400	370	204,4
600	570	404,4

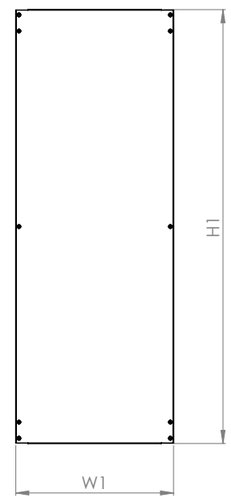
ENCLOSURE DEPTH	H3
400	70
600	77

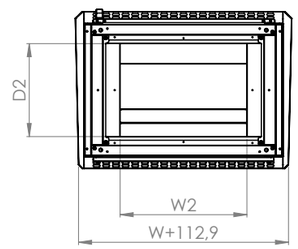
NEO HC MODULAR SERIES SINGLE DOOR (CLOSED SIDE)

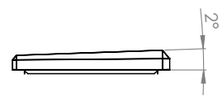




SECTION X-X







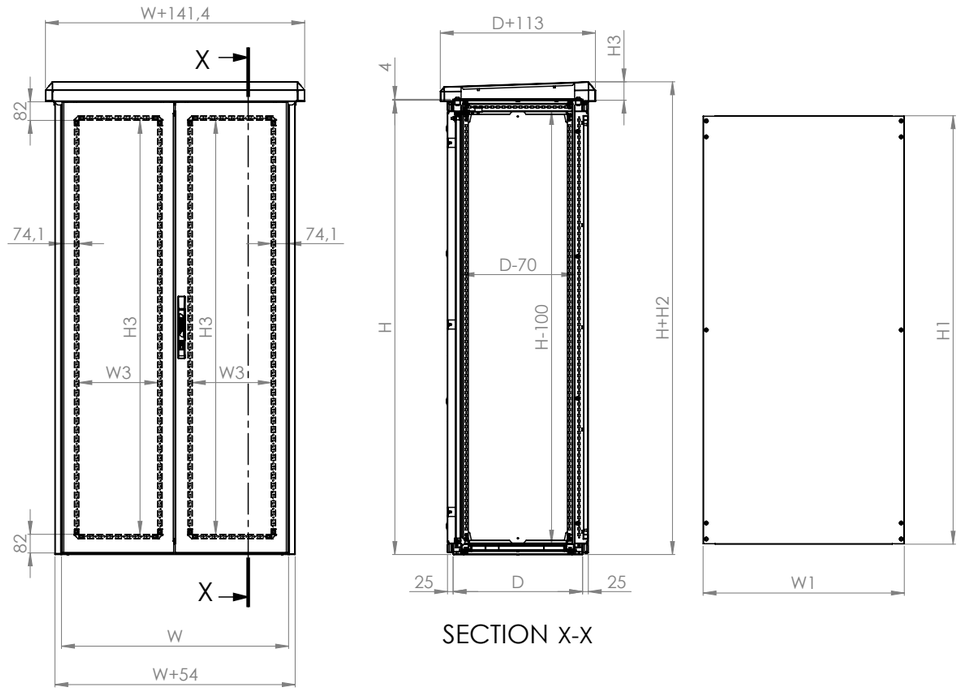
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	288	151	247
600	600	488	351	447
700	700	588	451	547
800	800	688	551	647
1000	1000	888	344,6x2	347
1200	1200	1088	444,6x2	447

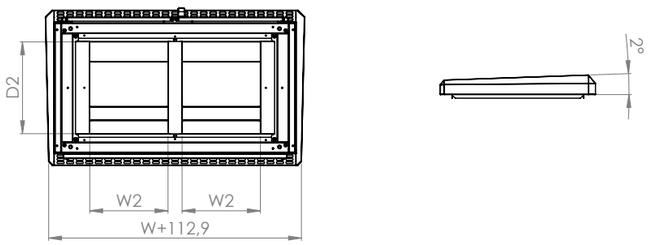
ENCLOSURE DEPTH	D	D2
400	370	331
600	570	531
800	770	731

ENCLOSURE DEPTH	H3
400	74
600	81
800	91

ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222
1600	1600	1688	1622
2000	2000	1888	1822

NEO HC MODULAR SERIES DOUBLE DOOR (CLOSED SIDE)





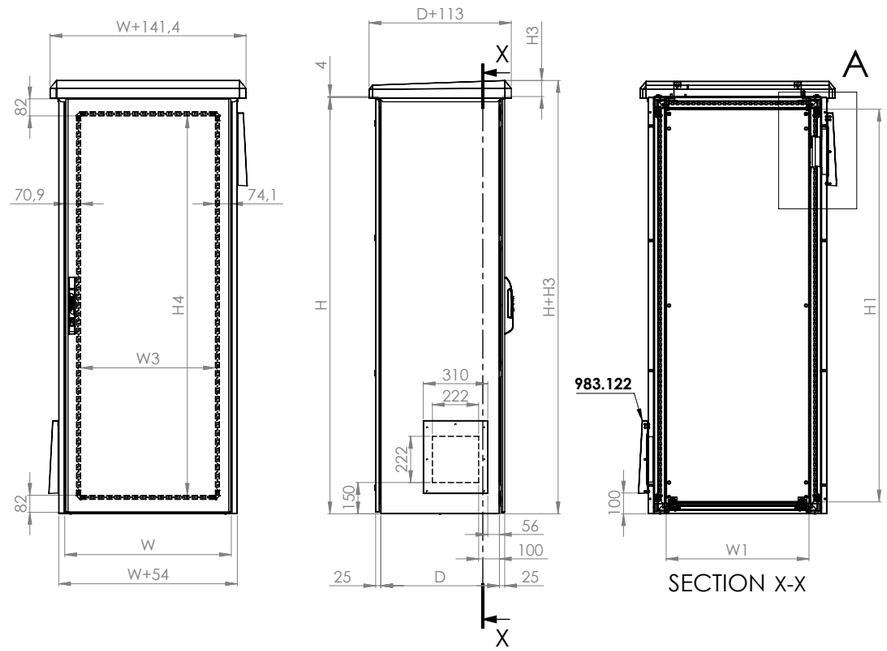
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	288	151	247
600	600	488	351	447
700	700	588	451	547
800	800	688	551	647
1000	1000	888	344,6x2	347
1200	1200	1088	444,6x2	447

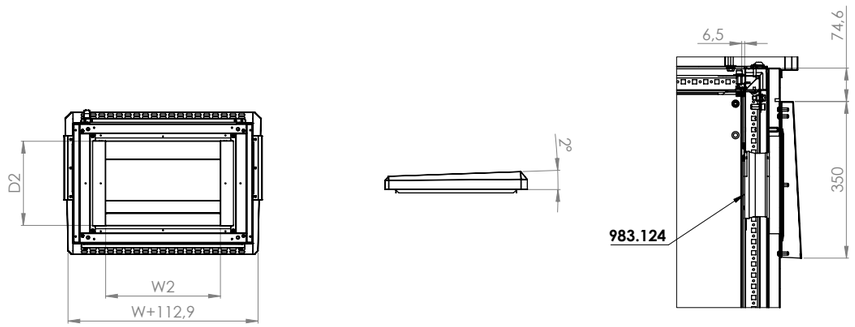
ENCLOSURE DEPTH	D	D2
400	370	331
600	570	531
800	770	731

ENCLOSURE DEPTH	H3
400	74
600	81
800	91

ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222
1600	1600	1688	1622
2000	2000	1888	1822

NEO HC MODULAR SERIES SINGLE DOOR (FILTER CUT OUT)





DETAIL A

SCALE 1 : 10

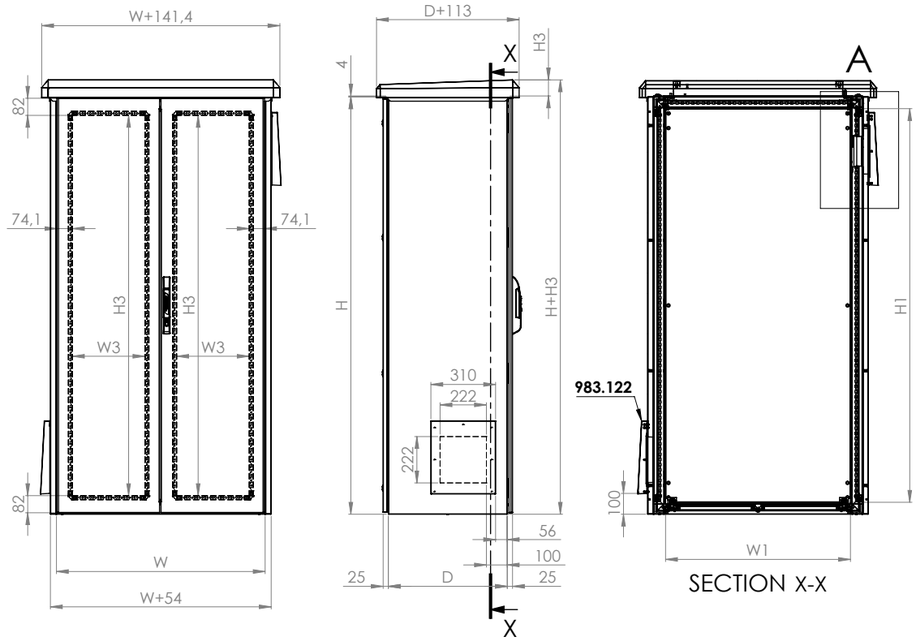
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	288	151	247
600	600	488	351	447
700	700	588	451	547
800	800	688	551	647
1000	1000	888	344,6x2	347
1200	1200	1088	444,6x2	447

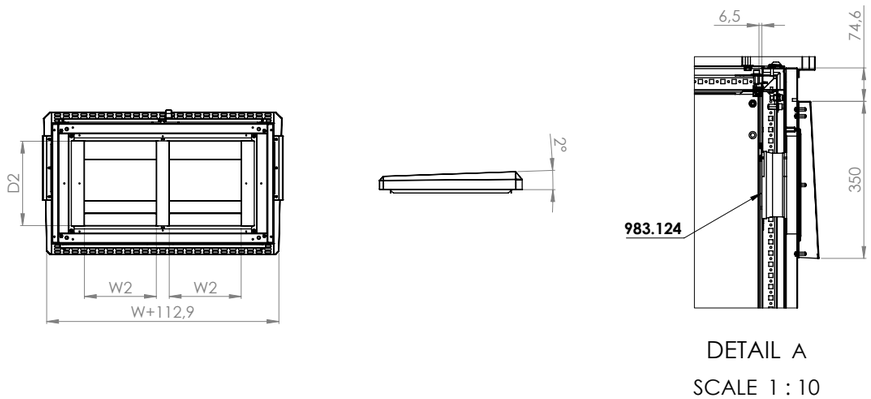
ENCLOSURE DEPTH	D	D2
400	370	331
600	570	531
800	770	731

ENCLOSURE DEPTH	H3
400	74
600	81
800	91

ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222
1600	1600	1688	1622
2000	2000	1888	1822

NEO HC MODULAR SERIES DOUBLE DOOR (FILTER CUT OUT)





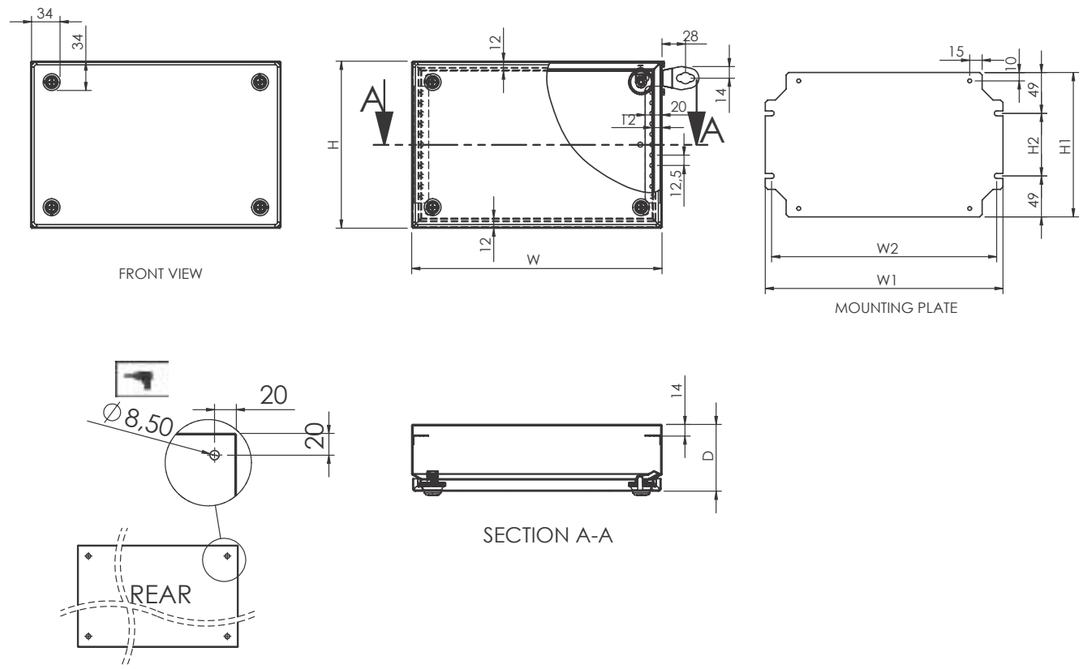
ENCLOSURE WIDTH	W	W1	W2	W3
400	400	288	151	247
600	600	488	351	447
700	700	588	451	547
800	800	688	551	647
1000	1000	888	344,6x2	347
1200	1200	1088	444,6x2	447

ENCLOSURE DEPTH	D	D2
400	370	331
600	570	531
800	770	731

ENCLOSURE DEPTH	H3
400	74
600	81
800	91

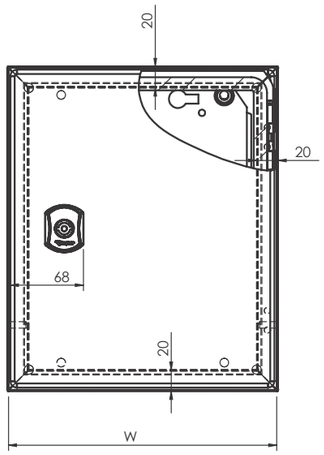
ENCLOSURE HEIGHT	H	H1	H4
1200	1200	1088	1222
1600	1600	1688	1622
2000	2000	1888	1822

KT SERIES STAINLESS STEEL

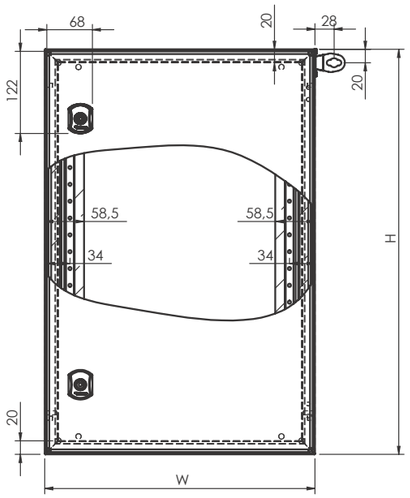


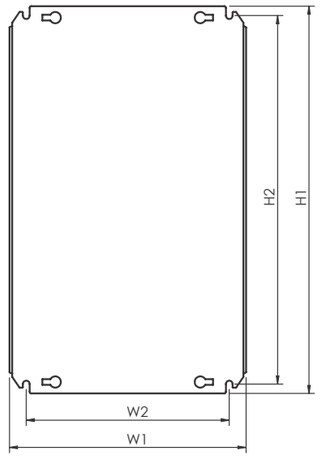
ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
150	135	120	150	123	25	80
200	185	170	200	173	75	120
300	285	270	300	273	175	-
400	385	370	-	-	-	-

DM SERIES STAINLESS STEEL (AISI 304) SINGLE DOOR

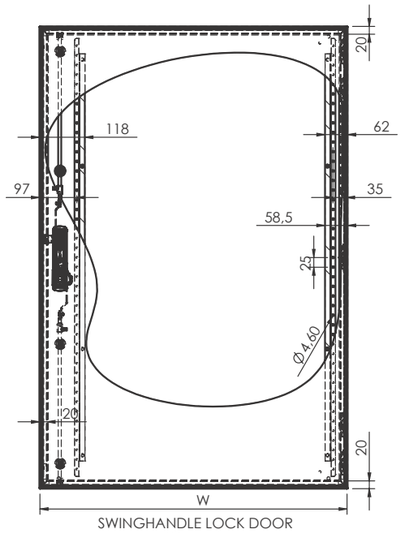


QUARTER TURN HANDLE LOCK
FRONT VIEW

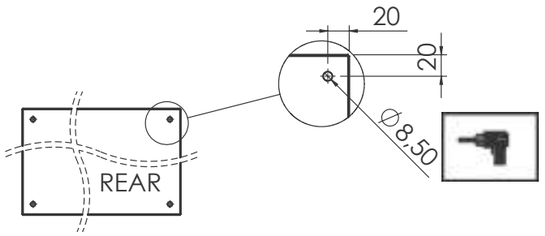




MOUNTING PLATE

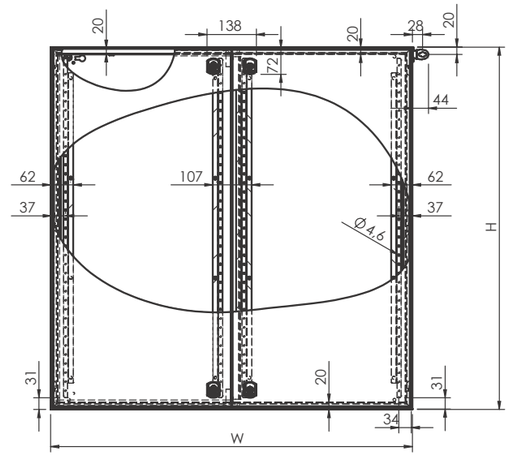


SWINGHANDLE LOCK DOOR
FRONT VIEW

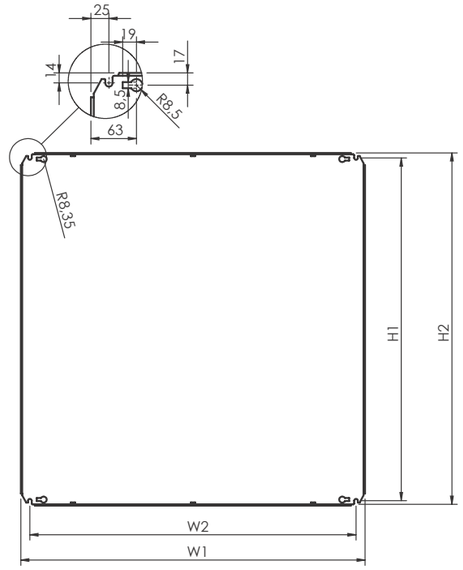


ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
250	200	150	300	275	247	150
300	250	200	400	375	347	210
400	350	300	600	575	547	260
500	450	400	700	675	647	300
600	550	500	800	775	747	-
800	750	700	1000	975	947	-
1000	950	900	1200	1175	1147	-

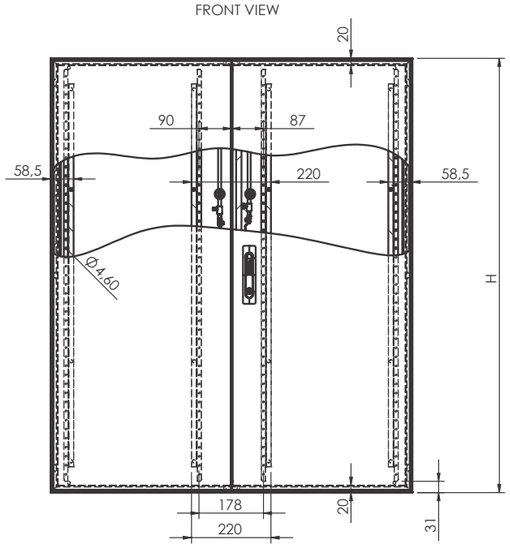
DM SERIES STAINLESS STEEL (AISI 304) DOUBLE DOOR



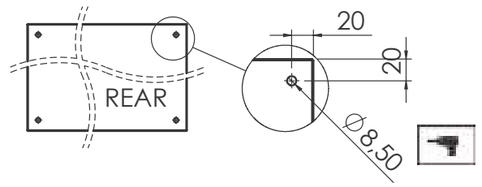
QUARTER TURN HANDLE LOCK
FRONT VIEW



MOUNTING PLATE

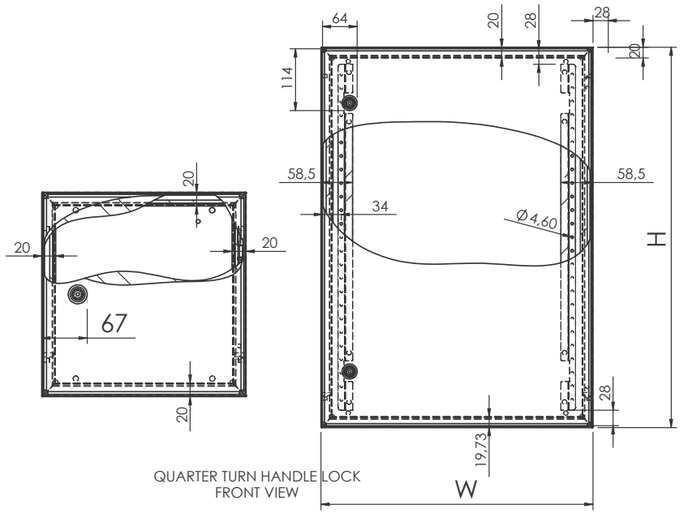


SWINGHANDLE LOCK DOOR
FRONT VIEW

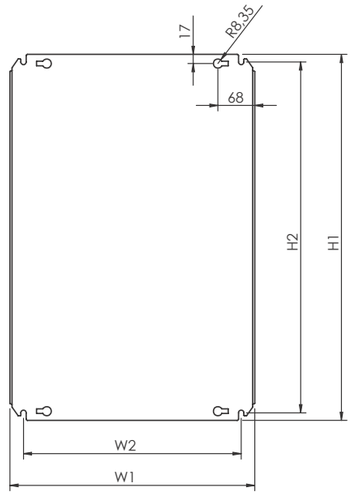


ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
250	200	150	300	275	247	150
300	250	200	400	375	347	210
400	350	300	500	475	447	260
500	450	400	600	575	547	300
600	550	500	700	675	647	-
800	750	700	800	775	747	-
1000	950	900	1000	975	947	-
-	-	-	1200	1175	1147	-

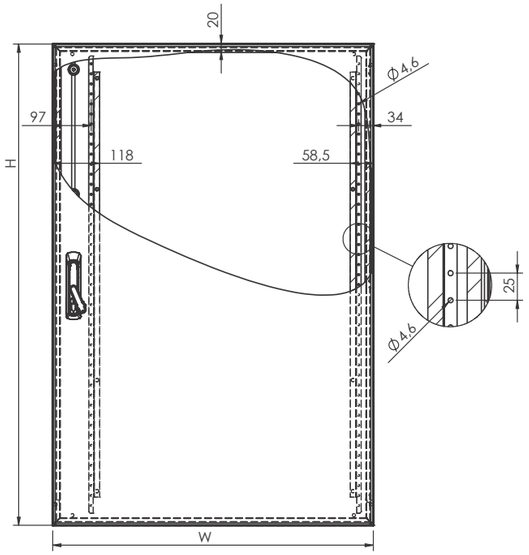
DM SERIES STAINLESS STEEL (AISI 316) SINGLE DOOR



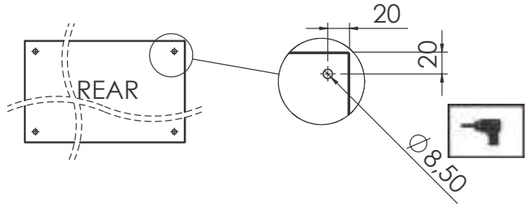
QUARTER TURN HANDLE LOCK
FRONT VIEW



MOUNTING PLATE

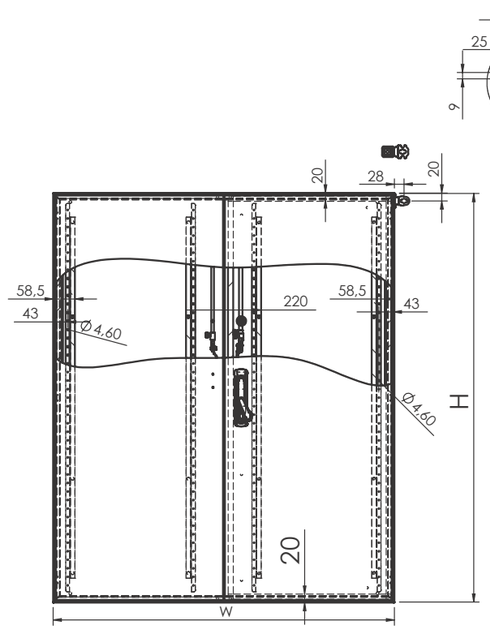


SWINGHANDLE LOCK DOOR
FRONT VIEW

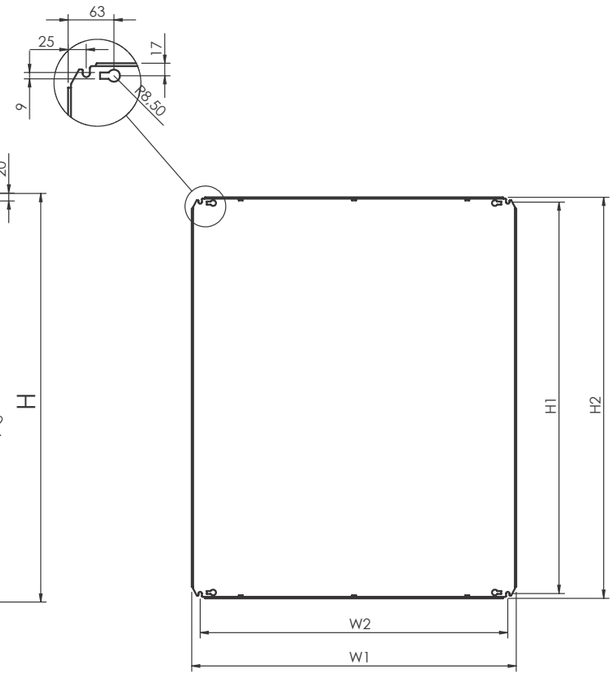


ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
250	200	150	300	275	247	150
300	250	200	400	375	347	210
400	350	300	600	575	547	260
500	450	400	700	675	647	300
600	550	500	800	775	747	-
800	750	700	1000	975	947	-
1000	950	900	1200	1175	1147	-

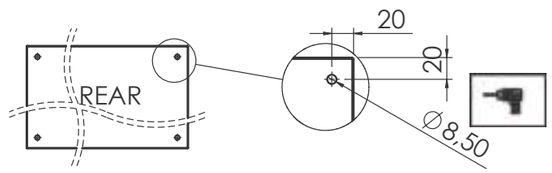
DM SERIES STAINLESS STEEL (AISI 316) DOUBLE DOOR



FRONT VIEW

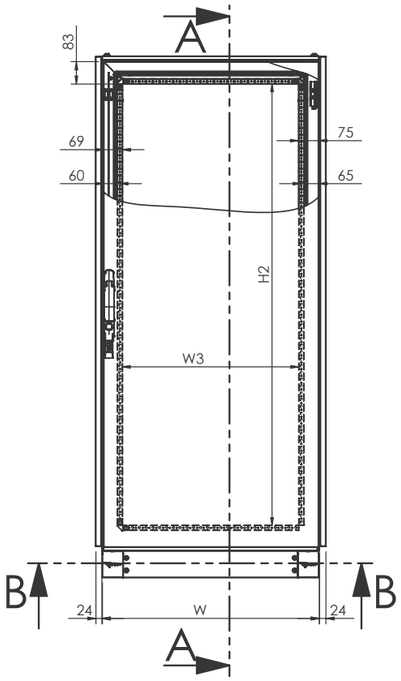


MOUNTING PLATE

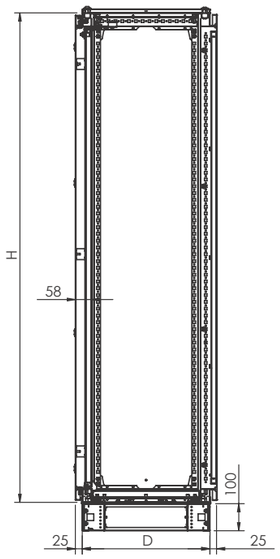


ENCLOSURE WIDTH (W)	W1	W2	ENCLOSURE HEIGHT (H)	H1	H2	ENCLOSURE DEPTH (D)
250	200	150	300	275	247	150
300	250	200	400	375	347	210
400	350	300	500	475	447	260
500	450	400	600	575	547	300
600	550	500	700	675	647	-
800	750	700	800	775	747	-
1000	950	900	1200	1175	1147	-

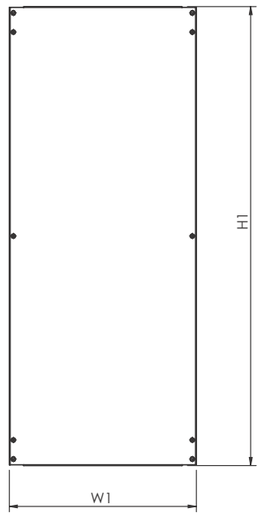
NEO SERIES STAINLESS STEEL SINGLE DOOR



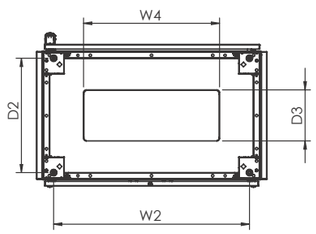
FRONT VIEW



SECTION A-A



MOUNTING PLATE



SECTION B-B

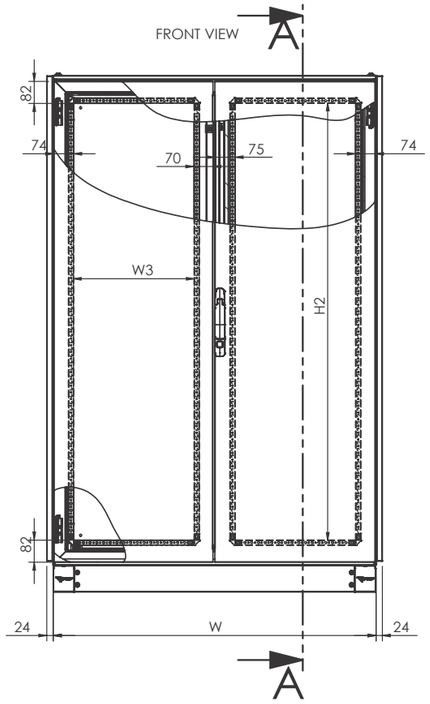
ENCLOSURE WIDTH (W)	W	W1	W2	W3
600	600	488	520	447
800	800	688	720	647
1000	1000	888	920	347
1200	1200	1088	1120	447

ENCLOSURE WIDTHxDEPTH	W4	D3	GLAND PLATE QUANTITY
600x400	300	115	1
600x500	300	190	1
600x600	300	115	2
800x500	500	190	1
800x600	500	115	2
1000x400	300	115	2
1200x400	400	115	2
1200x500	400	190	2

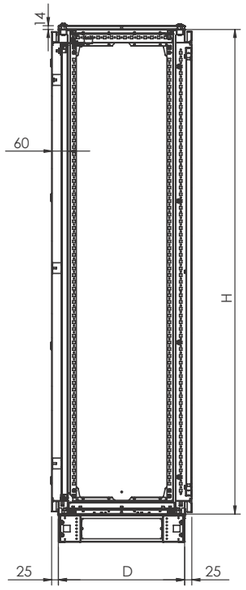
ENCLOSURE HEIGHT (H)	H	H1	H2
1600	1600	1488	1422
1800	1800	1688	1622
2000	2000	1888	1822

ENCLOSURE DEPTH (D)	D	D2
400	370	320
500	470	420
600	570	520

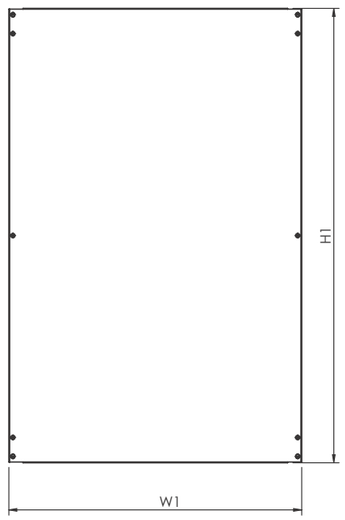
NEO SERIES STAINLESS STEEL DOUBLE DOOR



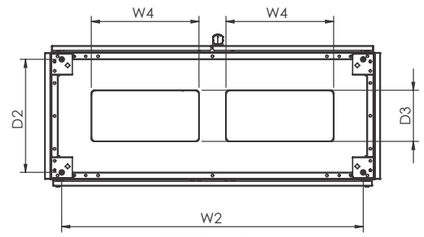
FRONT VIEW



SECTION A-A



MOUNTING PLATE



BOTTOM VIEW

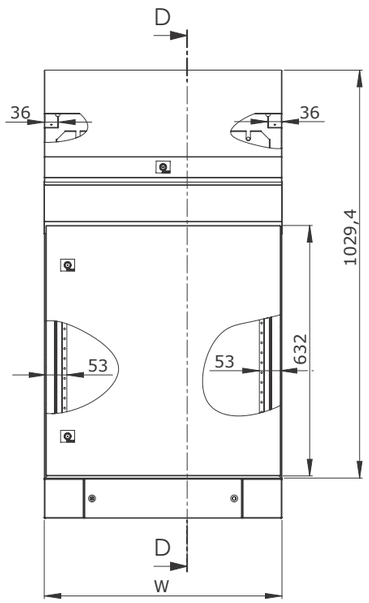
ENCLOSURE WIDTH (W)	W	W1	W2	W3
600	600	488	520	447
800	800	688	720	647
1000	1000	888	920	347
1200	1200	1088	1120	447

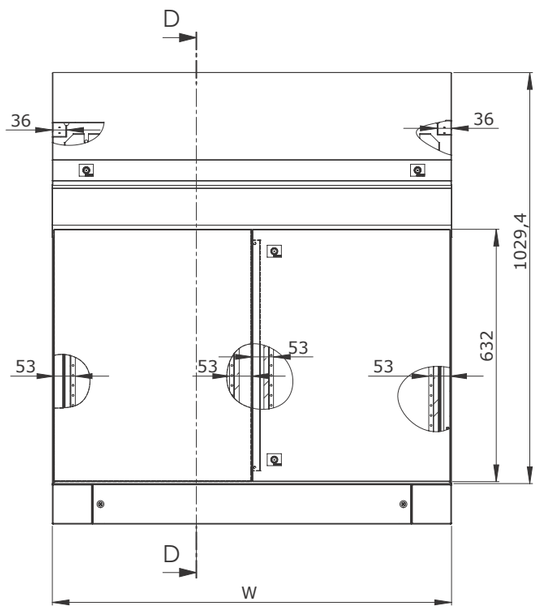
ENCLOSURE WIDTHxDEPTH	W4	D3	GLAND PLATE QUANTITY
600x400	300	115	1
600x500	300	190	1
600x600	300	115	2
800x500	500	190	1
800x600	500	115	2
1000x400	300	115	2
1200x400	400	115	2
1200x500	400	190	2

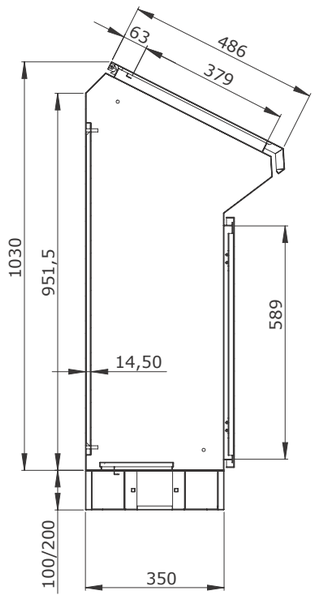
ENCLOSURE HEIGHT (H)	H	H1	H2
1600	1600	1488	1422
1800	1800	1688	1622
2000	2000	1888	1822

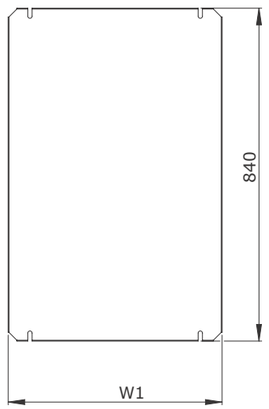
ENCLOSURE DEPTH (D)	D	D2
400	370	320
500	470	420
600	570	520

KMT-1000 SERIES



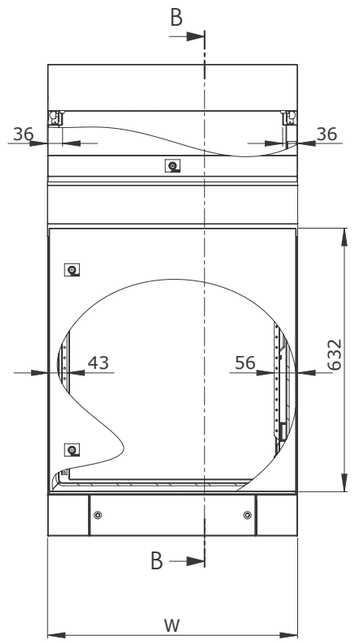


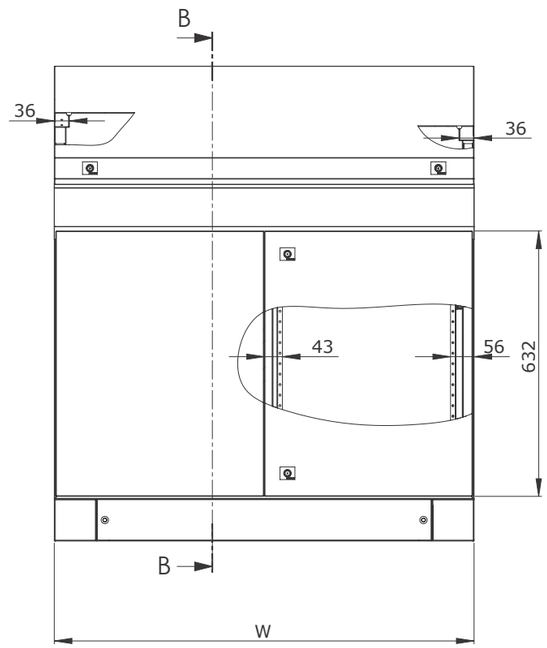


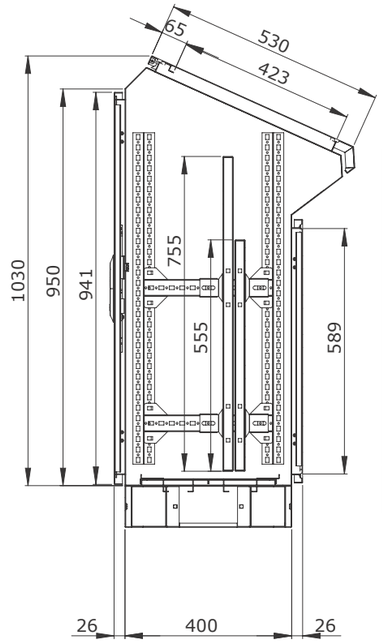


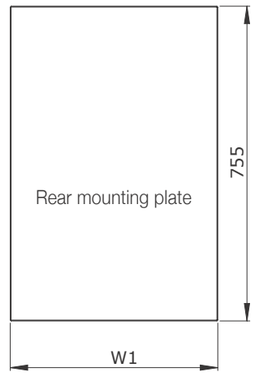
ENCLOSURE WIDTH	W	W1
600	600	540
800	800	740
1000	1000	940
1200	1200	1140

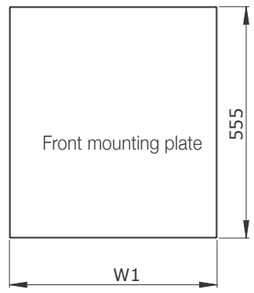
KMP-2000 SERIES





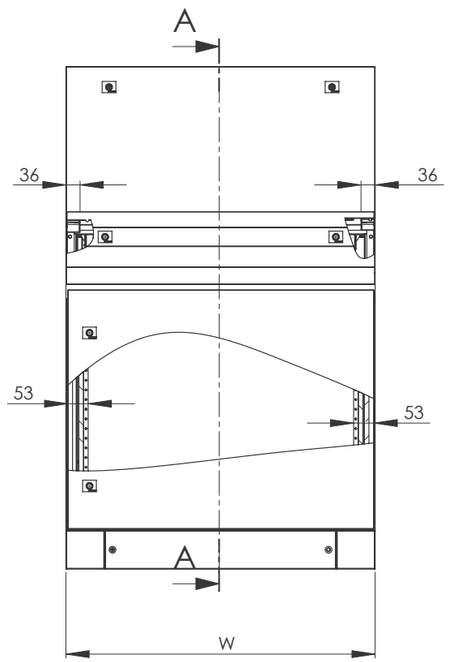


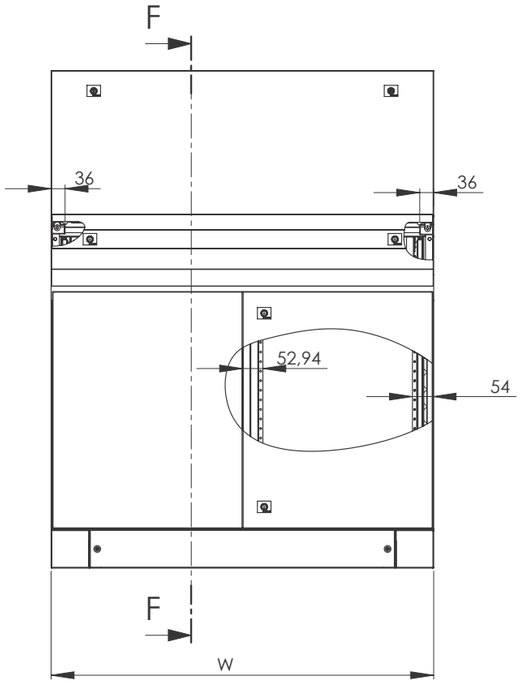


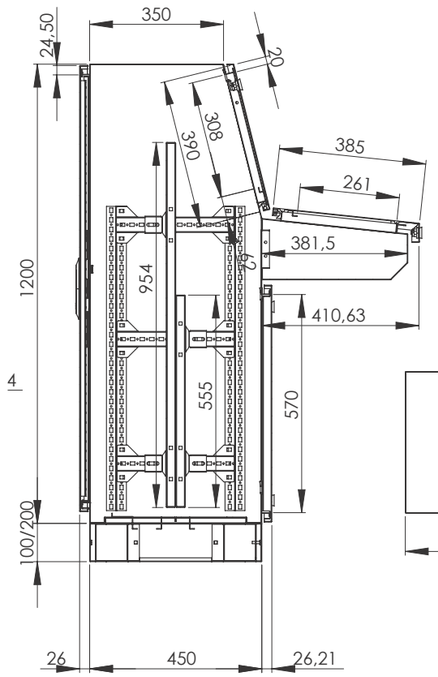


ENCLOSURE WIDTH	W	W1
600	600	498
800	800	698
1000	1000	898
1200	1200	1098

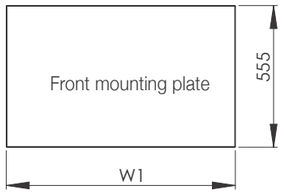
KMP-3000 SERIES

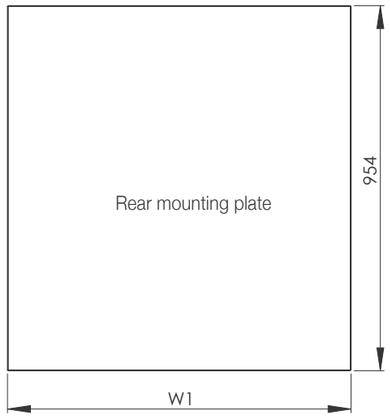






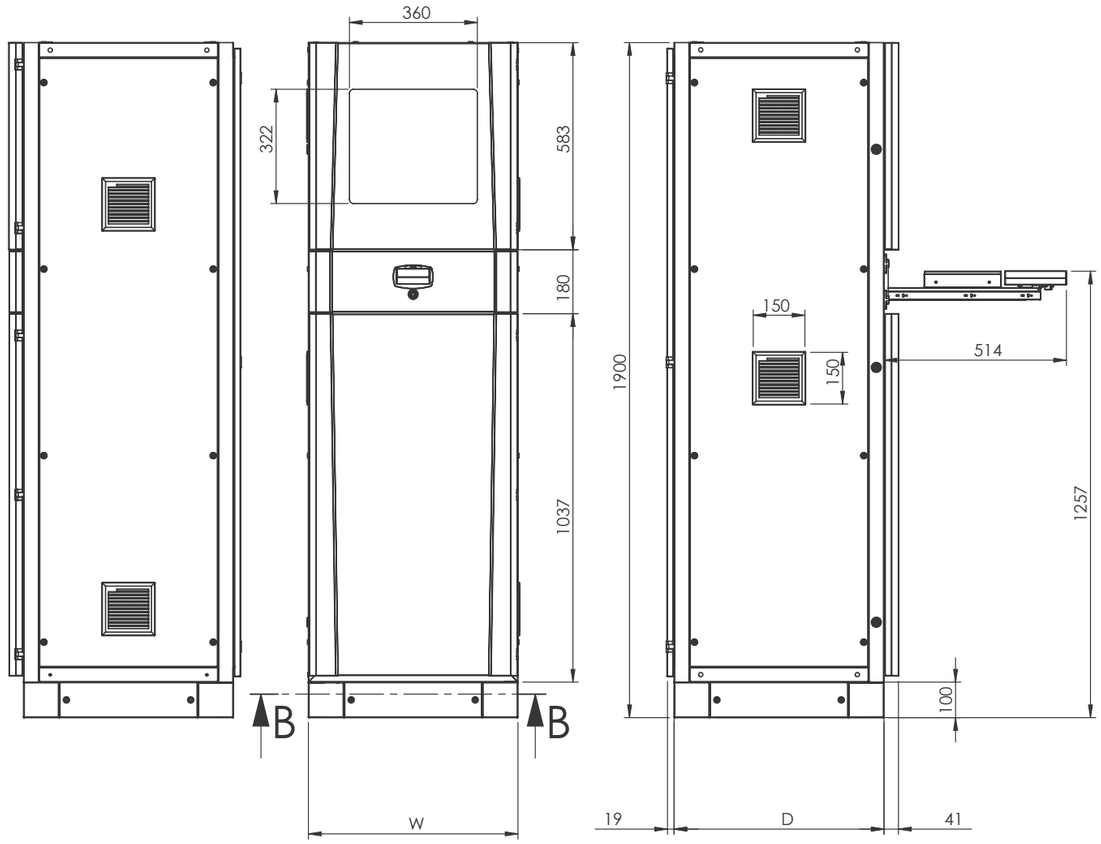
SECTION F-F
SCALE 1 : 10

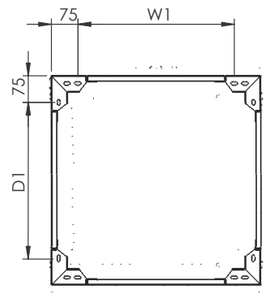




ENCLOSURE WIDTH	W	W1
600	600	498
800	800	698
1000	1000	898
1200	1200	1098

PC CABINET





ENCLOSURE WIDTH	W	W1
600	590	440

ENCLOSURE DEPTH	D	D1
600	590	440
800	790	640

TECHNICAL SPECIFICATIONS

MATERIAL INFORMATION

PRODUCTION APPLICATIONS

PACKAGING DETAILS

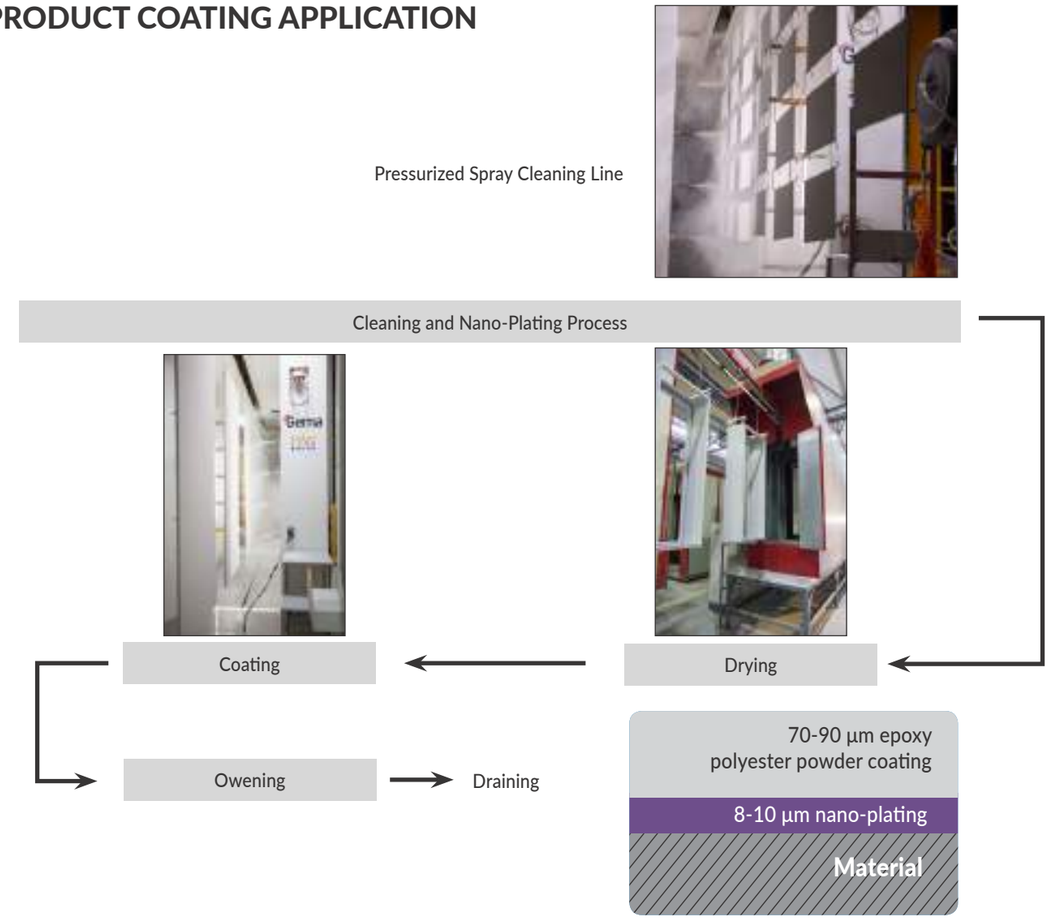
PROTECTION CLASSIFICATIONS

MATERIAL INFORMATION

INFORMATION ON STEEL USED IN OUR PRODUCTS

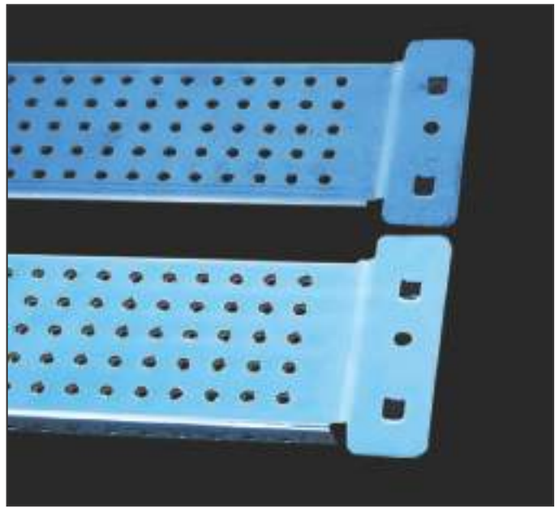
MILD STEEL	: 6112 DIN EN 10130-99-DCO1
GALVANIZED STEEL	: 1311 DIN EN 10142-00 DX51 D+Z
STAINLESS STEEL	: Standard use: AISI 304 (1.4301 BS EN 10088) Optional use: AISI 316 (1.4401 BS EN 10088)
ALIMINIUM SHEET (Optional)	: AlMg3

PRODUCT COATING APPLICATION



MATERIAL INFORMATION

PLATING APPLICATIONS



Process-exposed, multiple-perforated, non-coated parts are manufactured from mild steel and plated with (Cr+3) zinc. If these parts are galvanized without plating, perforated or cut areas on the parts can corrode. Therefore, these types of parts (mounting rail etc) are zinc-plated.

SEALING AND GLASS GLUEING APPLICATION

For water and dust impermeability, we use polyurethane liquid gasket in our products.

Operating between -40 °C and +100 °C, this gasket is used in liquid form. It provides a high protectionin continental climates, production sites where temperatures can be high and applications of heat-radiating devices.

PACKAGING

PACKAGING FOR COMPACT ENCLOSURES

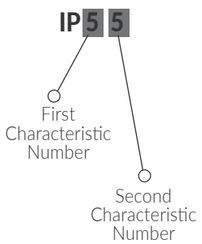
PACKAGING FOR NEO MODULAR

TEOS FLAT PACKAGING

ACCESSORY PACKAGING

AUTOMATIC PACKAGING MACHINE.

IP PROTECTION CATEGORY ACCORDING TO IEC 60 529



First Characteristic Protection Number Against Foreign Materials		
First Number	Explanation	Definition
1	Protective against 50mm (in diameter) or bigger solid materials	A shaft or ball of 50mm diameter should not completely enter. (a)
2	Protective against solid materials of 12,5mm diameter or more	A shaft or ball of 12,5 mm diameter should not completely enter. (a)
3	Protective against solid materials of 2,5mm diameter or more	A shaft or ball of 2,5 mm diameter should not completely enter. (a)
4	Protective against solid materials of 1,0mm diameter or more	A shaft or ball of 1,0 mm diameter should not completely enter. (a)
5	Dust-resistant	There might be a small amount of dust input. Should not harm device security
6	Dust-resistant	No dust should enter into the enclosure in 20mbar pressure applications

Second Number for Characteristic Water-Resistance		
Second Number	Explanation	Definition
1	Resistant to Water Drops from straight anglesı	Water drops falling at straight angles should not have any harmful impact.
2	Resistant to water drops falling with a straight angle when the enclosure is 15 degrees biased	When the enclosure is 15 degrees biased, water drops falling from both sides should not give any harm.
3	Resistant to water injection	Water-injection coming from both sides at 60 degrees should not leave any damage.
4	Water-splash-resistant	Resistance to water splashes from all angles
5	Water-jet-resistant	Should provide resistance to low-pressure water jet from all angles.
6	Resistant to pressurized water-jet	No dust should enter in the enclosure in 20mbar pressure applications.
7	Resistance to temporary water-immersion	Temporarily immersed in water under standard duration and pressure conditions, the enclosure should not be damaged.
8	Resistance to permanent water-immersion	Permanently immersed in water under standard duration and pressure conditions, the enclosure should not be damaged

UL NEMA STANDARDS SHEET

UL/NEMA Type	PROTECTION EXPLANATION ACCORDING TO UL NEMA STANDARDS
	EXPLANATION
1	Indoor enclosures should have protection against foreign materials
3	Enclosures frequently used indoors should have protection against the harmful effects of solid materials, rain, dust and frosting.
3R	Enclosures frequently used indoors should have protection against the harmful effectsof solid materials, rain, dust and frosting
3S	Enclosures frequently used indoors should have protection against solid materials, rain, dust and snow. Outer mechanisms of the enclosure should be protective against frosting.
4	İ Indoor or outdoor enclosures should be protective against rain, foreign materials, water splashes, hosing as well as external frosting.
4X	İ Indoor or outdoor enclosures should be protective against rain, foreign materials, water splashes, hosing as well as external frosting.
12, 12 K	Enclosures frequently used indoors should have protection against foreign materials, non-corrosive liquid drops, dust settling.
13	Enclosures frequently used indoors should have protection against dust settling, water splashes, oil and non-corrosive cooling liquids or gases.

CABLE GLAND SELECTION SHEET

SELECTION TABLE FOR CABLE GLANDS TO PG SIZE		
PG	Cable Diameter (mm)	Assembling Hole (mm)
11	5 - 10	18.5
13.5	6 - 12	20.5
16	10 - 14	22.5
21	13 - 18	28.5
29	18 - 25	37.5
36	22 - 32	47
42	32 - 38	55
48	37 - 44	60

Our tap water comes from **rain,**
our energy comes from **the sun.**

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