

GENERAL CATALOGUE

17



AUTOMATION and CONTROL SYSTEMS



*LOW VOLTAGE POWER
DISTRIBUTION
SYSTEMS*



HISTORY



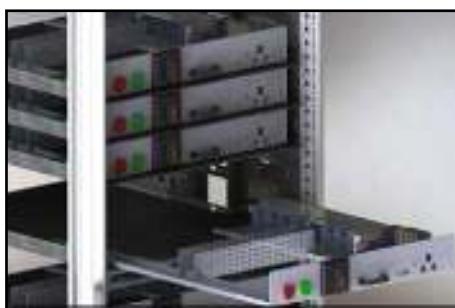
● 2017

Panasonic Robotic Welding Machine helps to improve welding productivity. Robotic automation team provide automated welding system solutions.



● 2018

Thanks to our new Painting Line with recycling system, our enclosure is protected against external factors such as rain and impact.



● 2019

NEO HC has the advantage of reliable and functional use in the harsh conditions of the outdoor environment with extendable roof option.



● 2016

Neo Series Modular Standing Type Enclosure launched to market.



● 2015

Withdrawable MCC Technology Teos Draw Series launched into market.

● 2014

PSBB, full automatic metal production line, was established as a big leap was experienced production technology and capacity.

● 1999

Production of modular standard panels started and products were launched in market

● 2002

In order to direct the rapid development, the company moved to the factory located to an area of 10.000 square meters in Izmir Kemalpaşa.

● 2003

Conveyor painting system with full automatic spray line cleaning and iron phosphate coating was adopted and the parts started to be produced without human intervention.

● 2004

The company, expanded and developed rapidly in domestic market, carried out its first export.



● 1998

In metal production process, computer based CNC controlled automatic production technology was adopted instead of NC technology.

● 1995

With electro-static powder coating application, the surface process was carried up to World standards.

● 1994

The company moved to the factory in İzmir Pınarbaşı as a result of increase market share and production volume.

HISTORY



● 2021

The PDS is modularized type tested low voltage power distribution and motor control switchboards supported with local partnership system in worldwide.



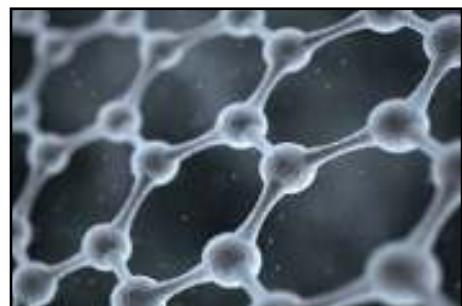
● 2022

Our new KT DM compact enclosures are designed according to the needs of our customers to serve in demanding areas of use.



● 2023

We will continue to share our technologies in our new 35.000 m² factory located in Bağyurdu OSB.



● 2013

Form 3 and Form 4 type Energy Distribution Cabinets were developed and secure solutions launched for customers.



● 2012

Teos Series Modular Standing Type Cabinet where it reshaped the standards was launched to market.



● 2010

By establishing nano-technological coating line, environment-friendly and advanced technology surface process was adopted



● 2007

As a result of the positive demand increase in export, first overseas export was realised.

● 2008

Istanbul branch was opened for service and local proximity and logistic supports level was improved.

● 2009

With introduction of new buildings in İzmir Kemerpaşa, total production area was increased up to 20.000 square meters.



● 1988

In production, instead of machines controlled and used manually, semi-automatic machines with NC technology started to be used.

● 1984

For the first time in local application oven method has been applied in wet coating process.

● 1980

The company expanded in time thanks to its quality products and increasing customer rate, moved to the bigger size atelier in İzmir Çamdibi

● 1976

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

MISSION

We are aware of our products are used in hard conditions. Our duty as tekpan family; defuse those hard conditions away with our suppliers and business associates



To become one of the two companies in our active geographies that comes to mind for any requirements related to our products.



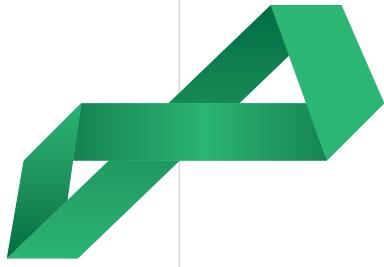
OUR PRINCIPLES

WCM

Become a model as manufacturer
in World-wide.



Become a family, sensitive
for occupational safety
and environment



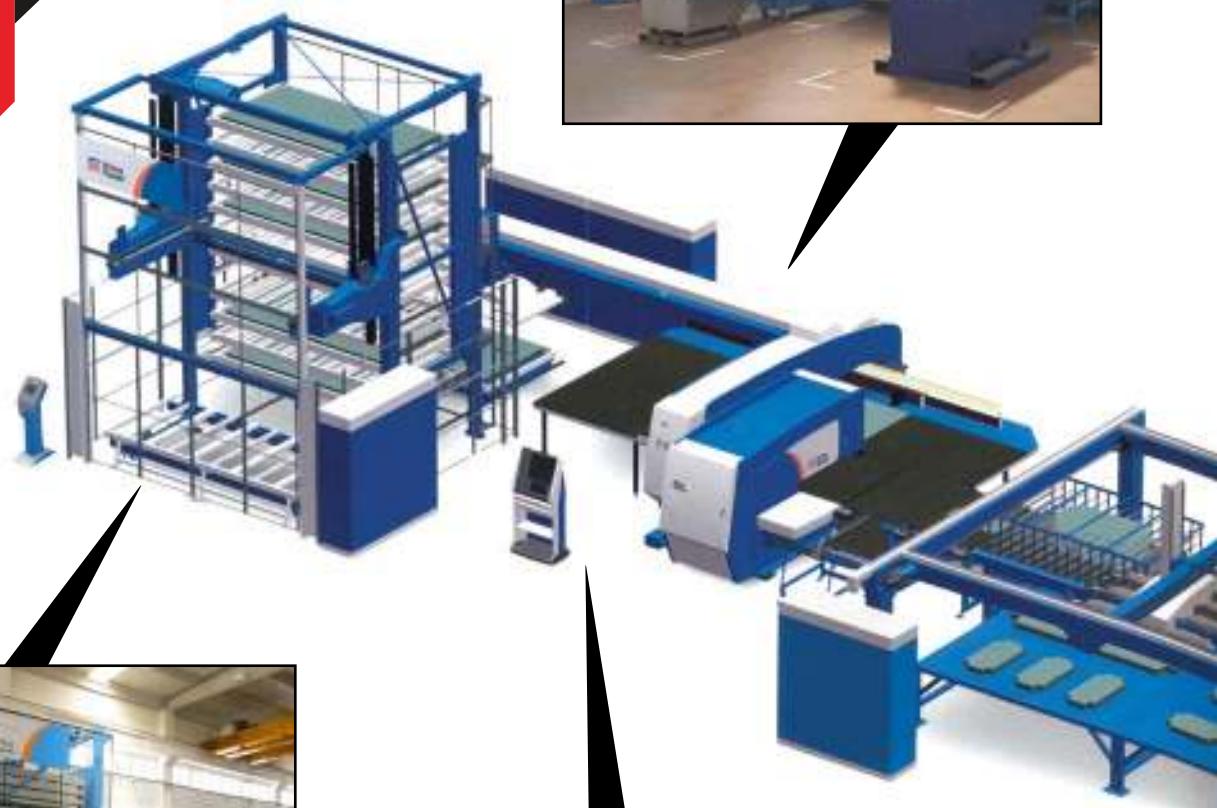
HUMAN ORIENTED UNDERSTANDING



DISCIPLINED HUMAN,
DISCIPLINED PROCESS

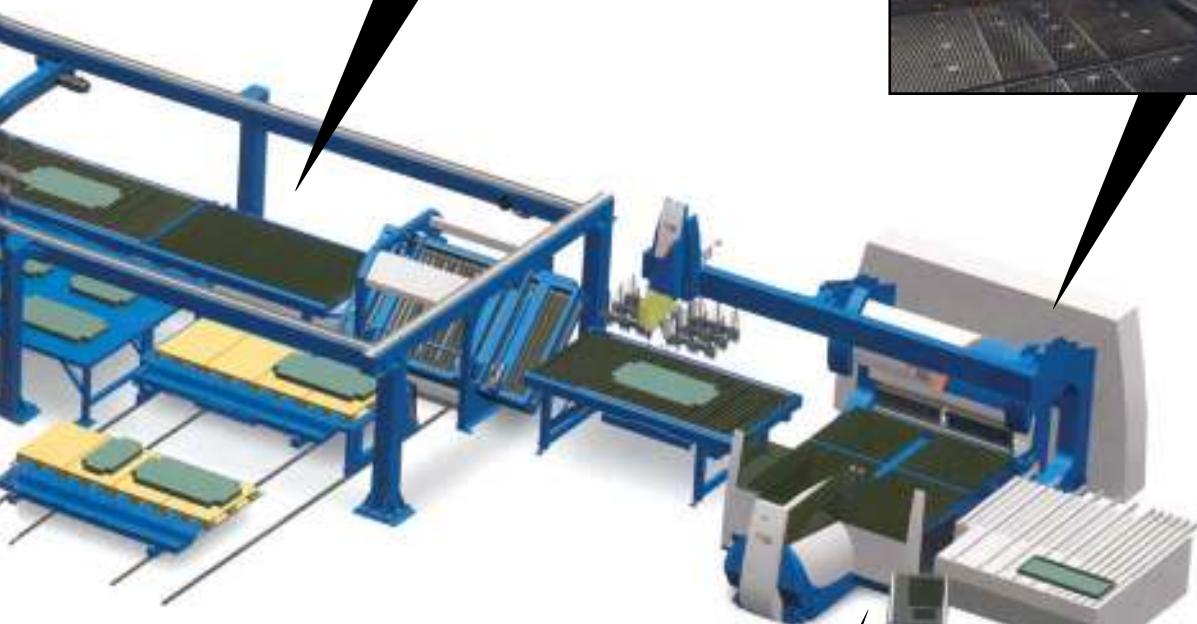
PRODUCTION

Raw Material Punching and Bending Process



You can watch the
video about PSBB.

PRODUCTION



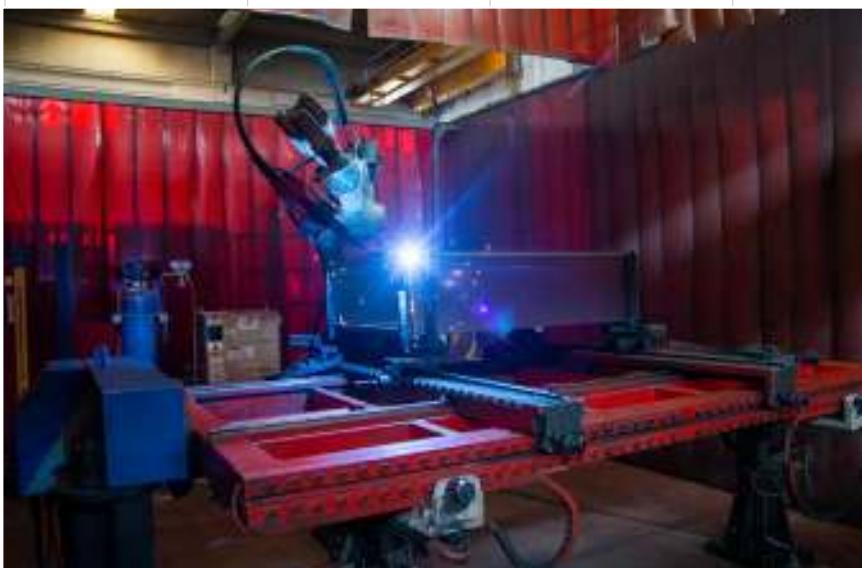
PRODUCTION



Raw Material
Punching Process



Raw Material
Bending Process



Welding
Process



Powder Paint
Process



Sealing Gasket
Process



Assembly
Process



Packaging
Process

QUALITY CERTIFICATES



> DEKRA



NEMA 12

EAC

SYSMIC TEST
REPORT 744h



QUALITY CERTIFICATES



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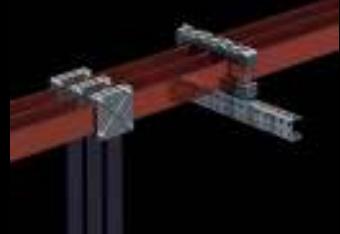
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BUSBAR SUPPORT



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NEW DESIGN KT & DM SERIES

Are Changing the Standards...





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KT

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ARES

ASSEMBLY SUPPORT PRODUCTS

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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 Accessible

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



More Aesthetic

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



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

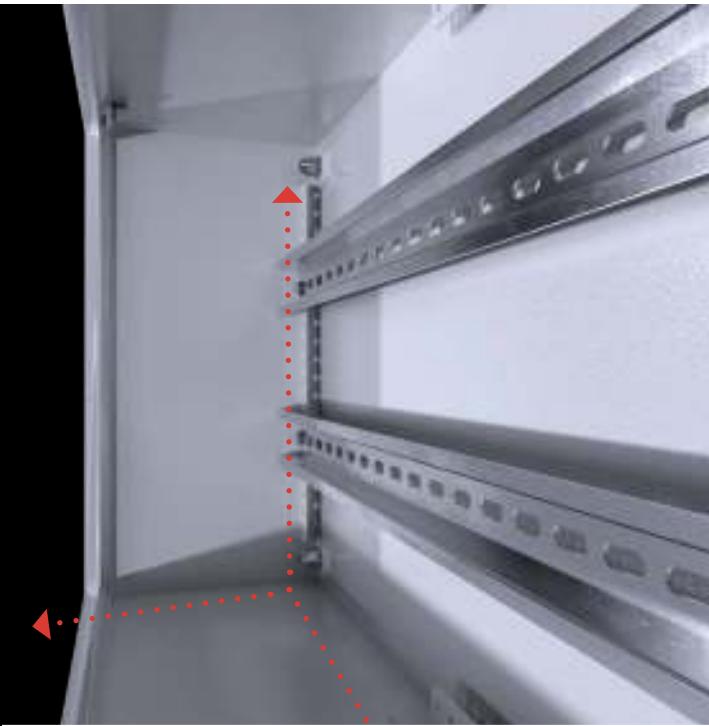


Externally attachable
wall bracket

Earthing integration



Easy access with
180° opening hinges



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



Automatic-welded, compact and durable enclosure body



Materials : Main Body, Door Mild Steel

Surface Finishing : Iron-phosphate + electrostatic powder coating RAL 7035

IP Rate : IEC EN 60529 IP 66

NEMA Rate : Nema 4

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

ACCESSORIES:

Wall Bracket p.: 55

Mounting Plate p.: 60

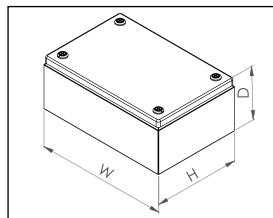
Earthing Cable p.: 71



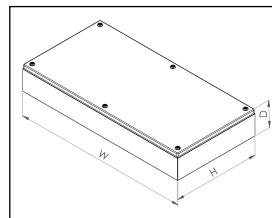
Other Accessories p.: 50

KT TERMINAL BOX

| PRODUCT CODE | ENCLOSURE | | | | STEEL THICKNESSES | | COVER | | |
|--------------|-----------|-----|-----|--------|-------------------|-------|-------|-------|---------|
| | W* | H* | D* | WEIGHT | BODY | COVER | LOCK | HINGE | VERSION |
| | 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



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RoHS

DEKRA

Materials : Main Body, Door Mild Steel

Surface Finishing : Iron-phosphate + electrostatic powder coating RAL 7035

IP Rate : IEC EN 60529 IP 66

NEMA Rate : Nema 4

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

ACCESSORIES:

Wall Bracket p.: 55

Mounting Plate p.: 60

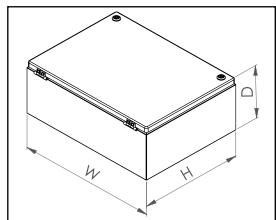
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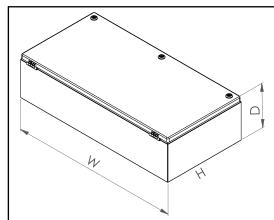
Other Accessories p.: 50

KT SOLID DOOR BUS BOX

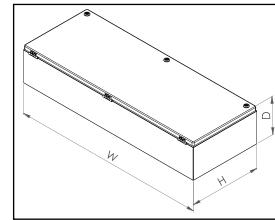
| PRODUCT CODE | ENCLOSURE | | | | STEEL THICKNESSES | | COVER | | |
|--------------|-----------|-----|-----|--------|-------------------|-------|-------|-------|---------|
| | W* | H* | D* | WEIGHT | BODY | COVER | LOCK | HINGE | VERSION |
| | mm | mm | mm | kg | mm | mm | pcs. | pcs. | |
| KT 364.215 | 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

COMPACT ENCLOSURES

KT GLAZED DOOR BUS BOX



Materials : Main Body, Door Mild Steel
Surface Finishing : Iron-phosphate + electrostatic powder coating RAL 7035
IP Rate : IEC EN 60529 IP 66
NEMA Rate : Nema 4

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

ACCESSORIES:

Wall Bracket p.: 55

Mounting Plate p.: 60

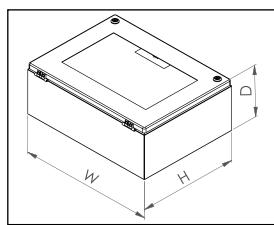
Earthing Cable p.: 71



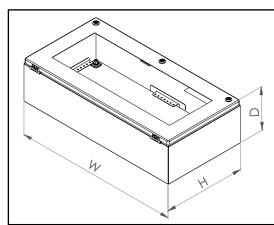
Other Accessories p.: 50

KT GLAZED DOOR BUS BOX

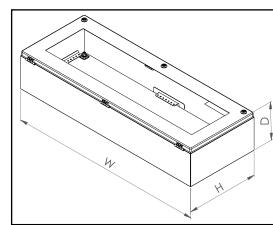
| PRODUCT CODE | ENCLOSURE | | | | STEEL THICKNESSES | | COVER | | |
|--------------|-----------|-----|-----|--------|-------------------|-------|-------|-------|---------|
| | W* | H* | D* | WEIGHT | BODY | COVER | LOCK | HINGE | VERSION |
| | mm | mm | mm | kg | mm | mm | pcs. | pcs. | |
| KT 374.215 | 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



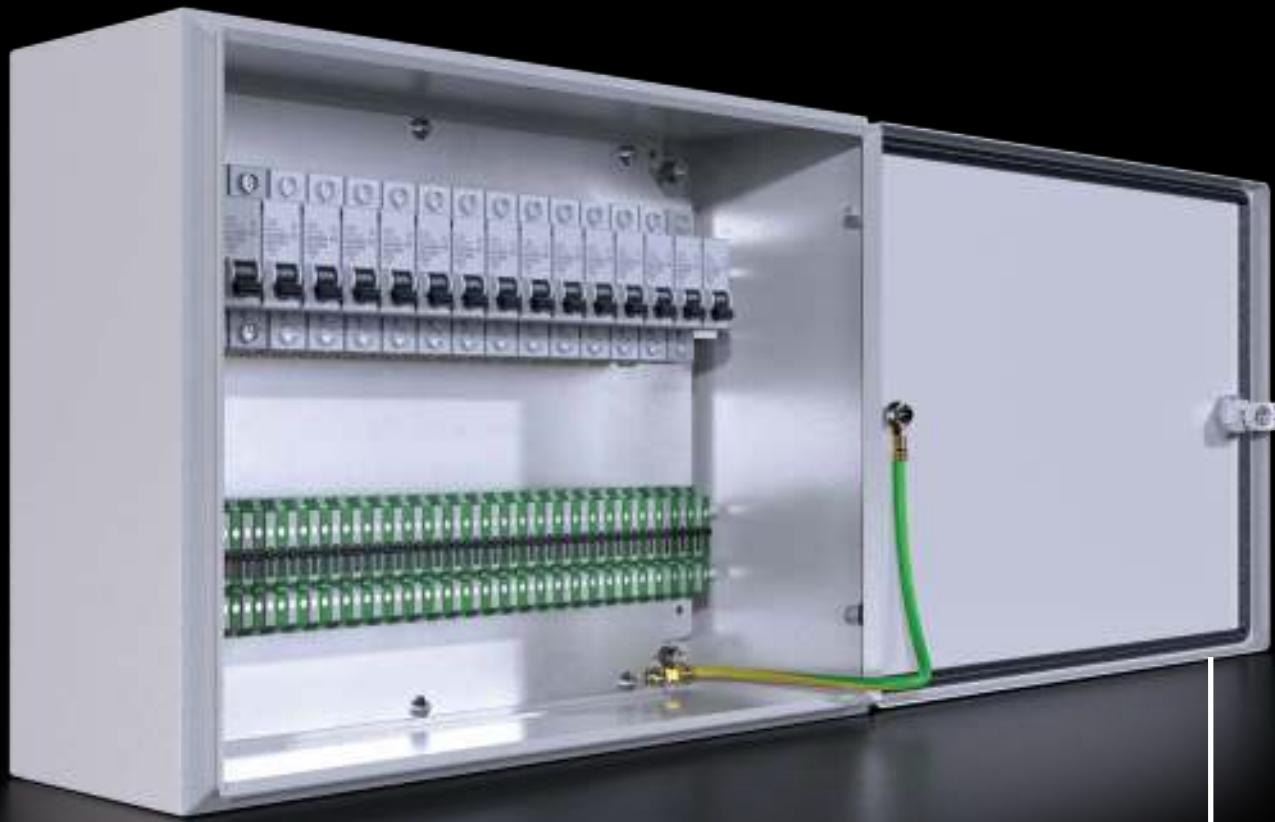
Version 3

Catalogue



Assembly Instructions

DM SMALL / Highlights



Earthing integration easy access
with 180° opening hinge



Automatic-welded,
compact & durable enclosure body



Externally attachable wall bracket



Large interior volume with
thin curved body structure



Modern and stylish look with
Radius corner structure



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RoHS

▷ DEKRA

| | |
|-------------------|---|
| Materials | : Body and Door Mild Steel Mounting Plate Galvanized Steel |
| Surface Finishing | : Iron-phosphate + electrostatic powder coating RAL 7035 |
| IP Rate | : IEC EN 60529 IP 65 |
| NEMA Rate | : Nema 4 |

| | |
|-----------------|---|
| 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 |

ACCESSORIES:

Wall Bracket p.: 55

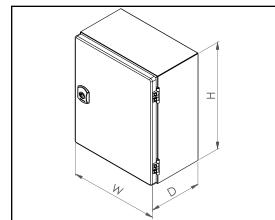
Earthing Cable p.: 71



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

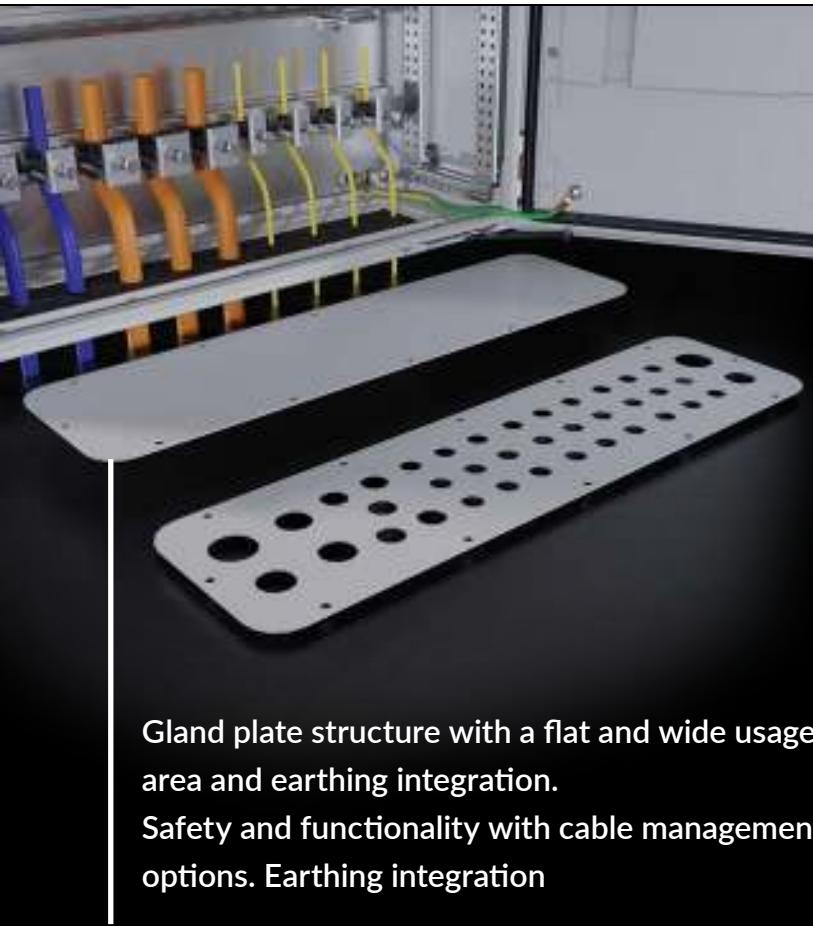
DM MEDIUM / *Highlights*



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

Continuous rain protection with roof option

Pole Mounting Feature



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

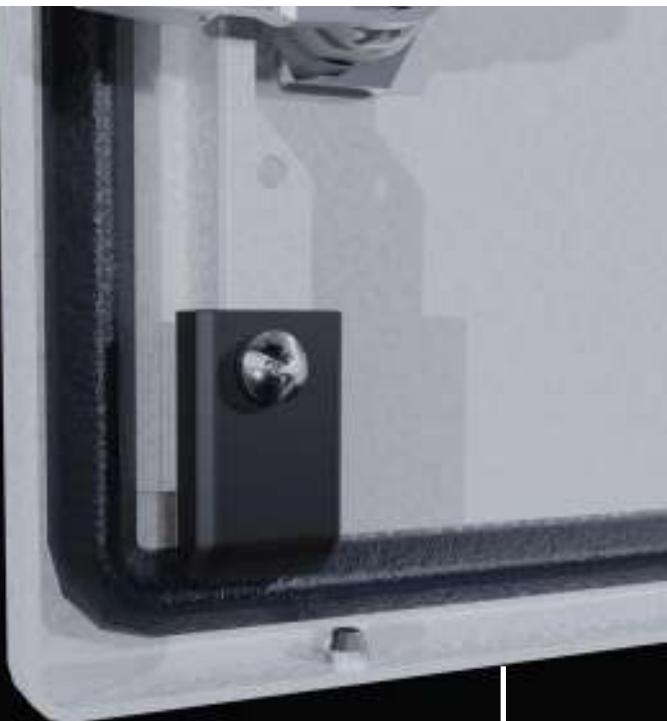
Operational use with
glazed doors and internal covers



DM MEDIUM / *Highlights*



Strong 3-point lock structure



Door stability with door support part



Externally attachable wall bracket



Static durability with
curved mounting plate



Easy mounting
plate assembly



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 | : Iron-phosphate + electrostatic powder coating RAL 7035 |
| IP Rate | : IEC EN 60529 Single Door IP66, Double Door IP54 |
| NEMA Rate | : Nema 4 |

| | |
|-----------------|---|
| 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 |

ACCESSORIES:

Wall Bracket p.: 55

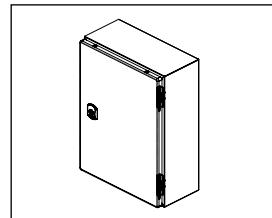
Earthing Cable p.: 71



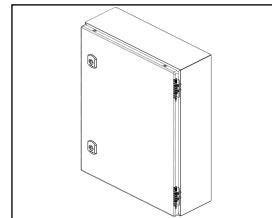
Other Accessories p.: 50

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

COMPACT ENCLOSURES

DM-MEDIUM SOLID DOOR ENCLOSURE



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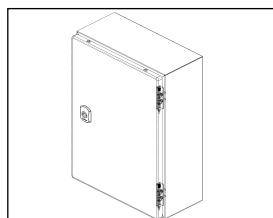
RoHS

DEKRA

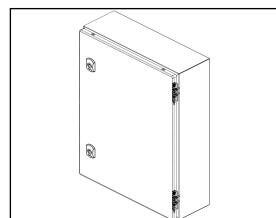
| | | | |
|--------------------------|--|------------------------|---|
| Materials | : Body, Front Door, Gland Plate Mild Steel Mounting Plate Galvanized Steel | Standards | : IEC 62208 (Enclosure Standards) |
| Surface Finishing | : Iron-phosphate + electrostatic powder coating RAL 7035 | Corrosion Rate | : C3-M based on TS EN ISO 12944-2 |
| IP Rate | : IEC EN 60529 Single Door IP66, Double Door IP54 | Warranty | : KYT-72 |
| NEMA Rate | : Nema 4 | Supply Includes | : Body, Hinged Door, Gland Plate, Mounting Plate, Assembly Parts |

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 | 700 | 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 | 400 | 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 | 1,5 | 2 | 2 | 2 | 2 | 2 |
| DM 256.630 | 600 | 600 | 300 | 23,90 | 550 | 575 | 1,5 | 2 | 2 | 2 | 2 | 2 |
| DM 256.640 | 600 | 600 | 400 | 28,88 | 550 | 575 | 1,5 | 2 | 2 | 2 | 3 | 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 | 1 | 3 | 2 |
| DM 256.830 | 600 | 800 | 300 | 35,43 | 550 | 775 | 1,5 | 2 | 2 | 2 | 3 | 2 |
| DM 256.840 | 600 | 800 | 400 | 42,11 | 550 | 775 | 1,5 | 2 | 2 | 1 | 3 | 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 | 1 | 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 | 1,5 | 2 | 2 | 2 | 2 | 2 |
| DM 258.632 | 800 | 600 | 300 | 29,50 | 750 | 575 | 1,5 | 2 | 2 | 2 | 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 |



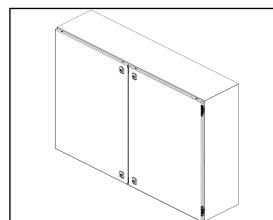
Version 1



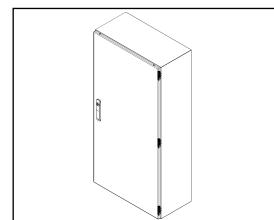
Version 2



Version 3



Version 4



Version 5

Catalogue



Assembly Instructions

COMPACT ENCLOSURES

DM-MEDIUM GLAZED DOOR ENCLOSURE



DEKRA

| | |
|-------------------|---|
| Materials | : Body, Front Door, Gland Plate Mild Steel, 4-mm Transparent Tempered Glass |
| Surface Finishing | : Iron-phosphate + electrostatic powder coating RAL 7035 |
| IP Rate | : IEC EN 60529 IP 66 |
| NEMA Rate | : Nema 4 |

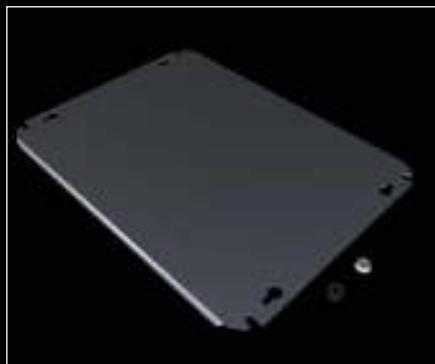
| | |
|-----------------|---|
| Standards | : IEC 62208 (Enclosure Standards) |
| Corrosion Rate | : C3-M based on TS EN ISO 12944-2 |
| Warranty | : KYT-72 |
| Supply Includes | : Body, Glazed Hinged Door, Gland Plate, Assembly Parts |

ACCESSORIES:

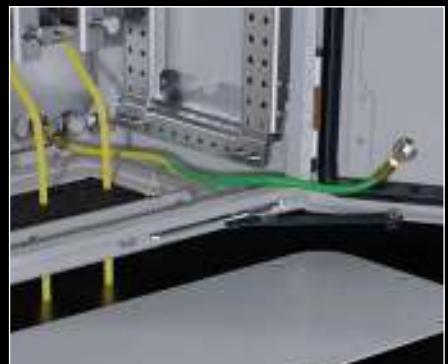
Wall Bracket p.: 55



Mounting Plate p.: 60



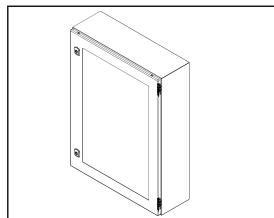
Earthing Cable p.: 71



Other Accessories p.: 50

DM-MEDIUM GLAZED DOOR ENCLOSURE

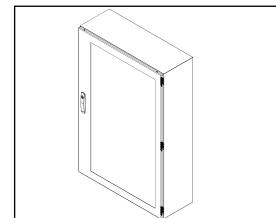
| PRODUCT CODE | ENCLOSURE | | | | MOUNTING PLATE | | STEEL THICKNESSES | | DOOR | | |
|--------------|-----------|------|-----|--------|----------------|------|-------------------|------|------|-------|---------|
| | W* | H* | D* | WEIGHT | W | H | BODY | DOOR | LOCK | HINGE | VERSION |
| | mm | mm | 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



DM LARGE / Highlights



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

Earthing integration

Externally attachable
wall bracket



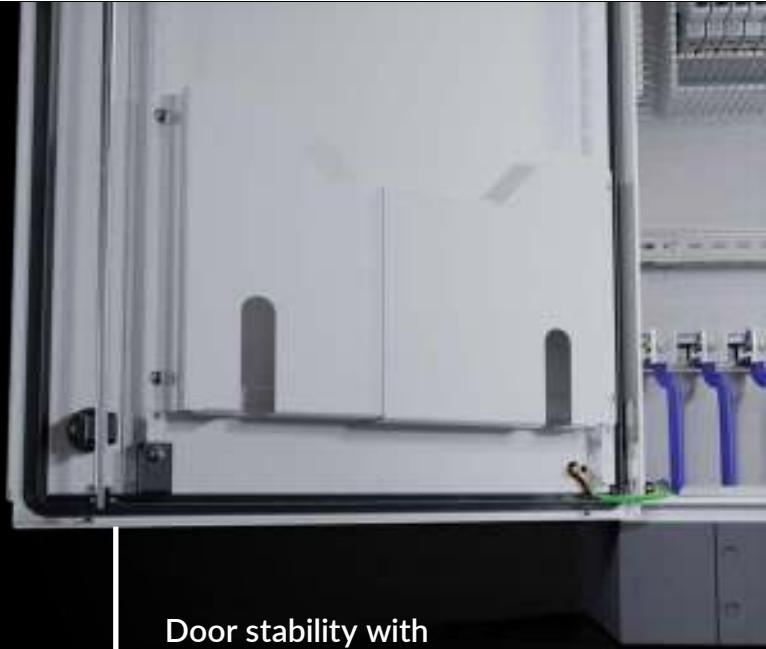


Easy mounting plate assembly
and support system

Static durability with curved
mounting plate



DM LARGE / Highlights



Door stability with
door support part

Strong 3-point lock structure

Floor standing compatibility with
ready-to-use plinth holes



DM LARGE / Highlights



Modern and stylish look
with Radius corner



Continuous rain protection
with roof option



Safe and functional usage with cable
management options

Floor standing compatibility with interior
access gland plate





DEKRA

| | |
|-------------------|--|
| Materials | : Body, Front Door, Gland Plate Mild Steel Mounting Plate Galvanized Steel |
| Surface Finishing | : Iron-phosphate + electrostatic powder coating RAL 7035 |
| IP Rate | : IEC EN 60529 Single Door IP 66, Double Door IP54 |
| NEMA Rate | : Nema 4 |

| | |
|-----------------|--|
| 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 |

ACCESSORIES:

Wall Bracket p.: 55



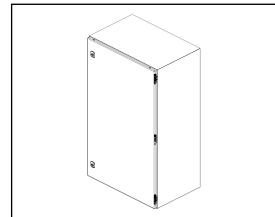
Earthing Cable p.: 71



Other Accessories p.: 50

DM-LARGE ENCLOSURE

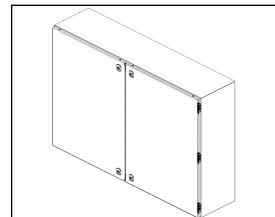
| PRODUCT CODE | ENCLOSURE | | | | MOUNTING PLATE | | STEEL THICKNESSES | | | DOOR | | |
|--------------|-----------|------|-----|--------|----------------|------|-------------------|------|----------------|------|-------|---------|
| | W* | H* | D* | WEIGHT | W | H | BODY | DOOR | MOUNTING PLATE | LOCK | HINGE | VERSION |
| | mm | mm | mm | kg | mm | mm | mm | mm | mm | pcs. | pcs. | |
| DM 286.140 | 600 | 1000 | 400 | 36,73 | 550 | 975 | 1,5 | 2 | 2 | 2 | 3 | 1 |
| DM 286.124 | 600 | 1200 | 400 | 54,41 | 550 | 1175 | 1,5 | 2 | 2 | 1 | 3 | 2 |
| DM 288.140 | 800 | 1000 | 400 | 76,45 | 750 | 975 | 1,5 | 2 | 2 | 2 | 3 | 1 |
| DM 288.124 | 800 | 1200 | 400 | 68,28 | 750 | 1175 | 1,5 | 2 | 2 | 1 | 3 | 2 |
| DM 281.130 | 1000 | 1000 | 300 | 57,81 | 950 | 975 | 1,5 | 2 | 2 | 4 | 6 | 3 |
| DM 281.123 | 1000 | 1200 | 300 | 68,07 | 950 | 1175 | 1,5 | 2 | 2 | 2 | 6 | 4 |
| DM 281.143 | 1000 | 1400 | 300 | 78,33 | 950 | 1375 | 1,5 | 2 | 2 | 2 | 6 | 4 |
| DM 281.144 | 1000 | 1400 | 400 | 81,80 | 950 | 1375 | 1,5 | 2 | 2 | 2 | 6 | 4 |
| DM 281.830 | 1200 | 800 | 300 | 54,63 | 1150 | 775 | 1,5 | 2 | 2 | 4 | 4 | 3 |
| DM 281.840 | 1200 | 800 | 400 | 56,68 | 1150 | 775 | 1,5 | 2 | 2 | 4 | 4 | 3 |
| DM 281.230 | 1200 | 1200 | 300 | 78,60 | 1150 | 1175 | 1,5 | 2 | 2 | 2 | 6 | 4 |
| DM 281.140 | 1200 | 1200 | 400 | 81,60 | 1150 | 1175 | 1,5 | 2 | 2 | 2 | 6 | 4 |



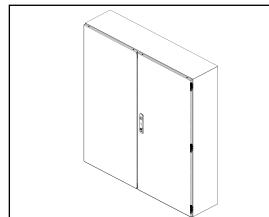
Version 1



Version 2



Version 3



Version 4

Catalogue



Assembly Instructions

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 : 973.501

Materials : PA6 POLYAMIDE RAL 7035

Supply Includes: 1 x gland and nut

IP Rate : IP68 IEC 60529'A GÖRE

Balances pressure differences between inner housing and the outside environment

- 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 : 973.500 (with nuts)

Materials : PA6 POLYAMIDE RAL 7035

Supply Includes: 1 x gland and nut

IP Rate : IP56 IEC 60529'A GÖRE

Prevents the formation of water condensation in tightly-seated standard housings

- Connection thread M12 x 1.5

CABLE AND MANAGEMENT

CABLE ENTRY SYSTEM WITH SOCKET



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

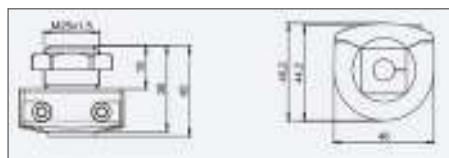
Supply Includes: 1 x Gland casing and Nut

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

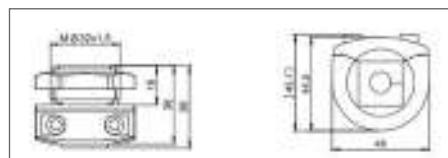
REQUIRED : Gland Insert (p 51)

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

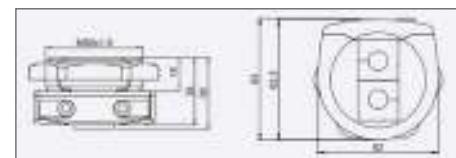
- You can use the detachable gland structure to pass the socket or the prepared cable sets of the cable entry system with a socket.
- Cables with diameter 1 to 16 mm are passed through. Sealing is ensured and also stress is reduced..
- A protection rate of IP66 according to IEC 60529 is achieved with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

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 VO

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)

Relevance : DM - M

Materials : 1.5 mm Mild + RAL 7035 Coating

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

IP Rate : Up to IP55 if assembled correctly
(according to IEC 60529)

NOT : 2 pieces should be selected for
enclosures with width of 800.

| PRODUCT CODE | ENCLOSURE WIDTH (mm) | ENCLOSURE DEPTH (mm) |
|--------------|----------------------|----------------------|
| 973.007 | 300 | 210 |
| 973.008 | 400 | 210 |
| | 400 | 260 |
| 973.009 | 400 | 300 |
| 973.010 | 500 | 210 |
| | 500 | 260 |
| 973.011 | 500 | 300 |
| 973.012 | 600 | 210 |
| | 600 | 260 |
| 973.013 | 600 | 300 |
| | 600 | 400 |
| 973.008 | 800 | 210 |
| | 800 | 260 |
| 973.009 | 800 | 300 |

CABLE AND MANAGEMENT

GLAND PLATE WITH FOAM ENTRY (DM LARGE)



| | |
|---|--|
| Relevance | : DM - L |
| Materials | : 1.5 mm Mild + RAL 7035 Coating |
| Supply Includes: Gland Plate, Adhesive Foam and Enclosure Assembly Parts | |
| IP Rate | : Up to IP55 if assembled correctly (according to IEC 60529) |
| NOT | : 2 pieces should be selected for enclosures with width of 800 |

| PRODUCT CODE | Width (mm) | Depth (mm) |
|--------------|------------|------------|
| 973.014 | 600 | 400 |
| 973.015 | 800 | 400 |
| 973.016 | 1000 | 300 |
| 973.017 | 1000 | 400 |
| 973.018 | 1200 | 300 |
| 973.019 | 1200 | 400 |

CABLE CRIMPING SYSTEM



CABLE CONNECTION RAIL

| | |
|--|---|
| Relevance | : DM - M / DM - L |
| Materials | : 2 mm Galvanized |
| Supply Includes: 1 x Cable Connection Rail and Enclosure Assembly Parts | |
| NOT | : 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



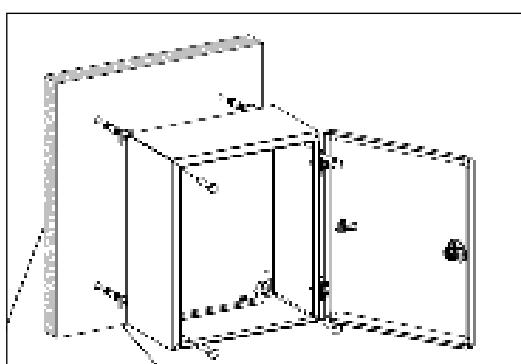
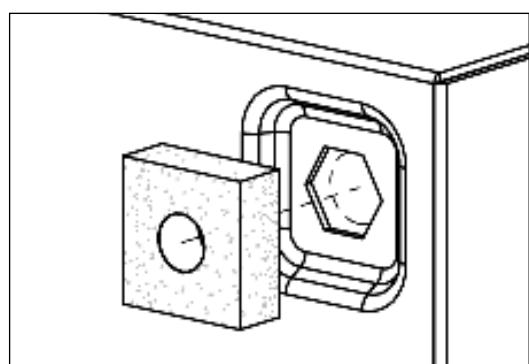
Product Code : 971.400

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.



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

REQUIRED : Cable Connection Rail

- 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" 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 + RAL 7035 Coating
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 | 500 |
| 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

COMPACT ENCLOSURE ACCESSORIES

INTERIOR ASSEMBLY PRODUCTS

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 |
| 990.100 | 2000 | 15 mm | DM , KT |
| 990.102 | 2000 | 7,5 mm | DM , KT |

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 |



INTERIOR ASSEMBLY PRODUCTS

DOOR SWITCH



Product Code : 973.141
Relevance : DM Series
Contact : 1NO + 1NC
Contact Current (Le) : 6 A (250 VAC)
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



COMPACT ENCLOSURE ACCESSORIES

INTERNAL PANELS AND MODULES

MOUNTING PLATES



| PRODUCT CODE | Enclosure Width (mm) | Enclosure Height (mm) |
|--------------|----------------------|-----------------------|
| 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 |
| | 943.225 | 200 |
| | 943.220 | 250 |
| | 943.223 | 250 |
| | 943.253 | 250 |
| | 943.233 | 300 |
| | 943.234 | 300 |
| | 943.243 | 400 |
| DM-M SERIES | 943.334 | 400 |
| | 943.335 | 500 |
| | 943.344 | 400 |
| | 943.345 | 500 |
| | 943.346 | 600 |
| | 943.348 | 800 |
| | 943.354 | 400 |
| | 943.355 | 500 |
| | 943.356 | 600 |
| | 943.357 | 700 |
| DM-L SERIES | 943.364 | 600 |
| | 943.366 | 600 |
| | 943.368 | 600 |
| | 943.361 | 1000 |
| | 943.362 | 600 |
| | 943.386 | 800 |
| | 943.388 | 800 |
| | 943.381 | 800 |
| | 943.382 | 1200 |
| | 943.311 | 1000 |
| | 943.312 | 1000 |
| | 943.314 | 1400 |
| | 943.318 | 1200 |
| | 943.322 | 1200 |



Relevance : KT - DM Series

Materials : 2 mm Galvanized

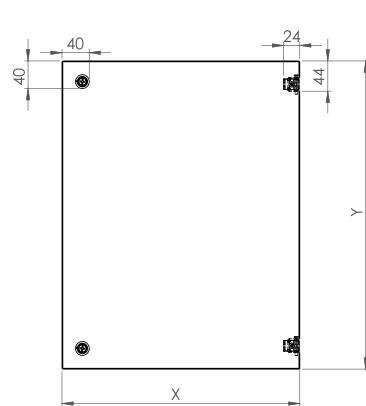
Supply Includes: 1 x Mounting Plate and Enclosure Assembly Parts

INTERNAL PANELS AND MODULES

SOLID INTERIOR DOOR



| | |
|-------------------------|--|
| Relevance | : DM-M / DM-L |
| Materials | : 1,2 mm Mild + 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 + 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

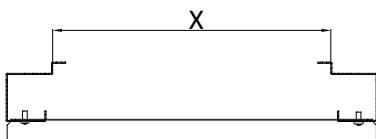
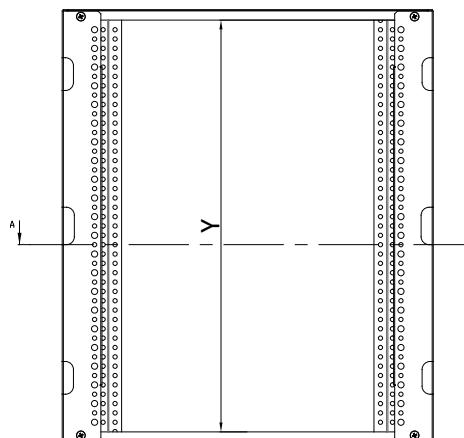
Relevance : DM-M / DM-L

Materials : 1.2 Mild + RAL 7035 Coating

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 |



INTERNAL PANELS AND MODULES

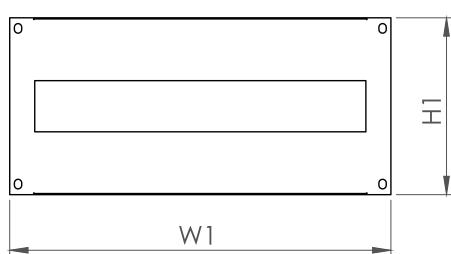
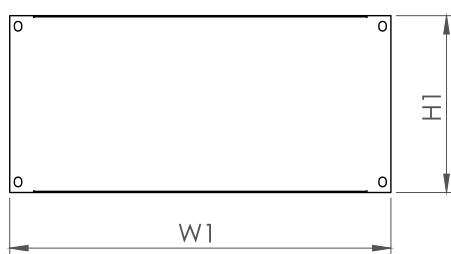


INTERNAL PARTIAL DOOR

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 | - |

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 |
| 944.451 | 600 | 495 | 150 |
| 944.452 | 600 | 495 | 175 |
| 944.453 | 600 | 495 | 200 |
| 944.454 | 600 | 495 | 250 |
| 944.455 | 600 | 495 | 300 |
| 944.456 | 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 |

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)

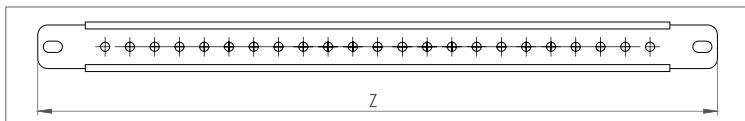
| PRODUCT CODE | ENCLOSURE WIDTH | RAIL LENGTH (A) |
|--------------|-----------------|-----------------|
| 956.400 | 400 | 263 |
| 956.500 | 500 | 363 |
| 956.600 | 600 | 463 |
| 956.800 | 800 | 663 |

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 - V1 | 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 - V2 | 281.123 | 281.143 | 281.144 | - | - | - | - | - | |
| 973.026 | 543 | 600 G - 1200 G - V1 | 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 - V2 | 256.123 | 286.124 | 281.230 | 281.140 | - | - | - | - | |
| 973.028 | 743 | 800 G - V1 | 258.630 | 258.632 | 258.821 | 258.830 | 258.126 | 258.130 | 288.140 | - | |
| 973.029 | 683 | 800 G - V2 | 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 |

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

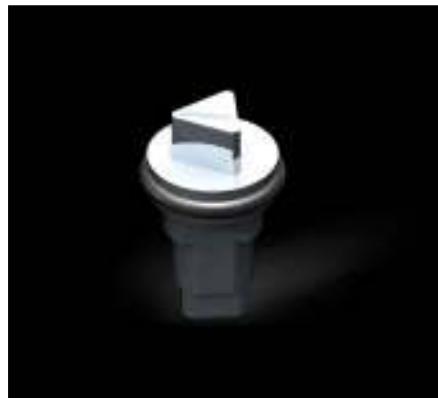
SMALL LOCK INSERT OPTIONS



5 mm Doublebit Insert Lock



Square Insert Lock



9 mm Triangular Insert Lock

Relevance : Quarter-Turn Locks

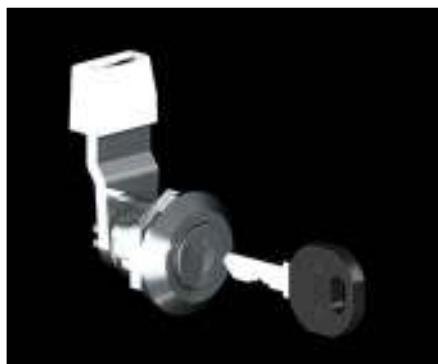
Materials : Zamak + Nickel-Coated Product

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



Relevance : 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



Relevance : 950.210

Materials : Zamak + Black Coating

Supply Includes: 1 x T-Handle Lock and Key

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

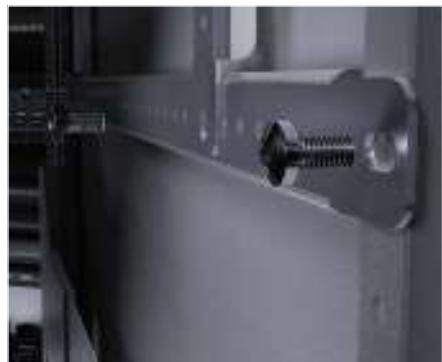


Relevance : All Lock Systems
Materials : Zamak + Zinc-Coating
Supply Includes: 1 x Eurokey Key: 2 x

| 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 | 16mm ² x 210mm | 5 x | M8 | 150/210 |
| 991.209 | 16mm ² x 260mm | 5 x | M8 | 260/300 |
| 991.210 | 16mm ² x 310mm | 5 x | M8 | 400 |



KNITTED EARTHING CABLE

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

COMPACT ENCLOSURE ACCESSORIES

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 (m³/saat) | Enclosure Depth (mm) |
|--------------|-------------------|-------------|-------------------------|----------------------|
| 983.119 | 105x105 | 230V AC-12W | 20m³ | 150-400 |
| 983.131 | 150x150 | 230V AC-19W | 60m³ | 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

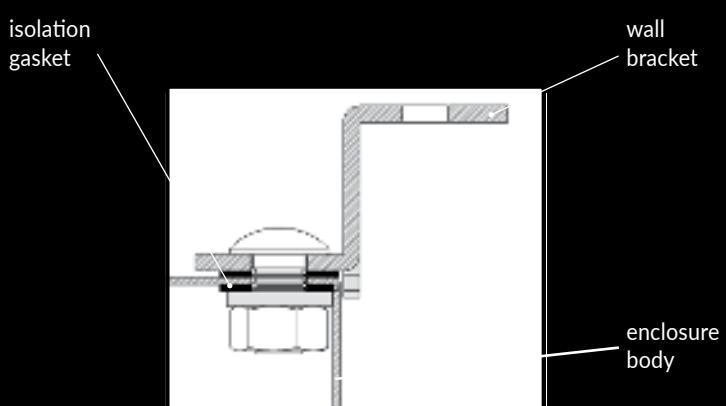
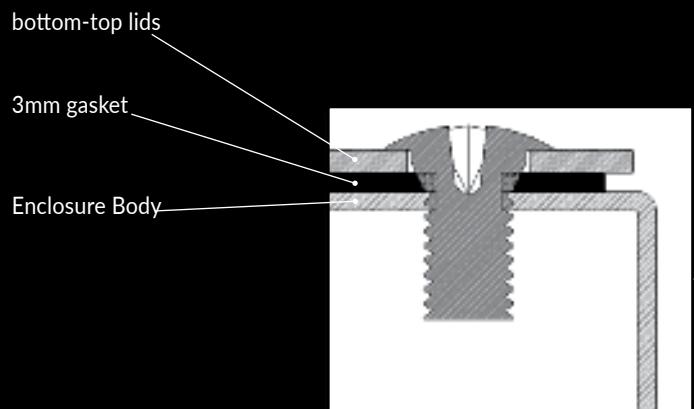
- Conforms to the CE Norm
- Mounting on 35 mm DIN rails
- 0.75-1.50mm² connection
- With Both Normally Open and Normally Closed Contacts (NO/NC)
- For both cooling and heating applications.
- 110-230 V AC/DC 10A

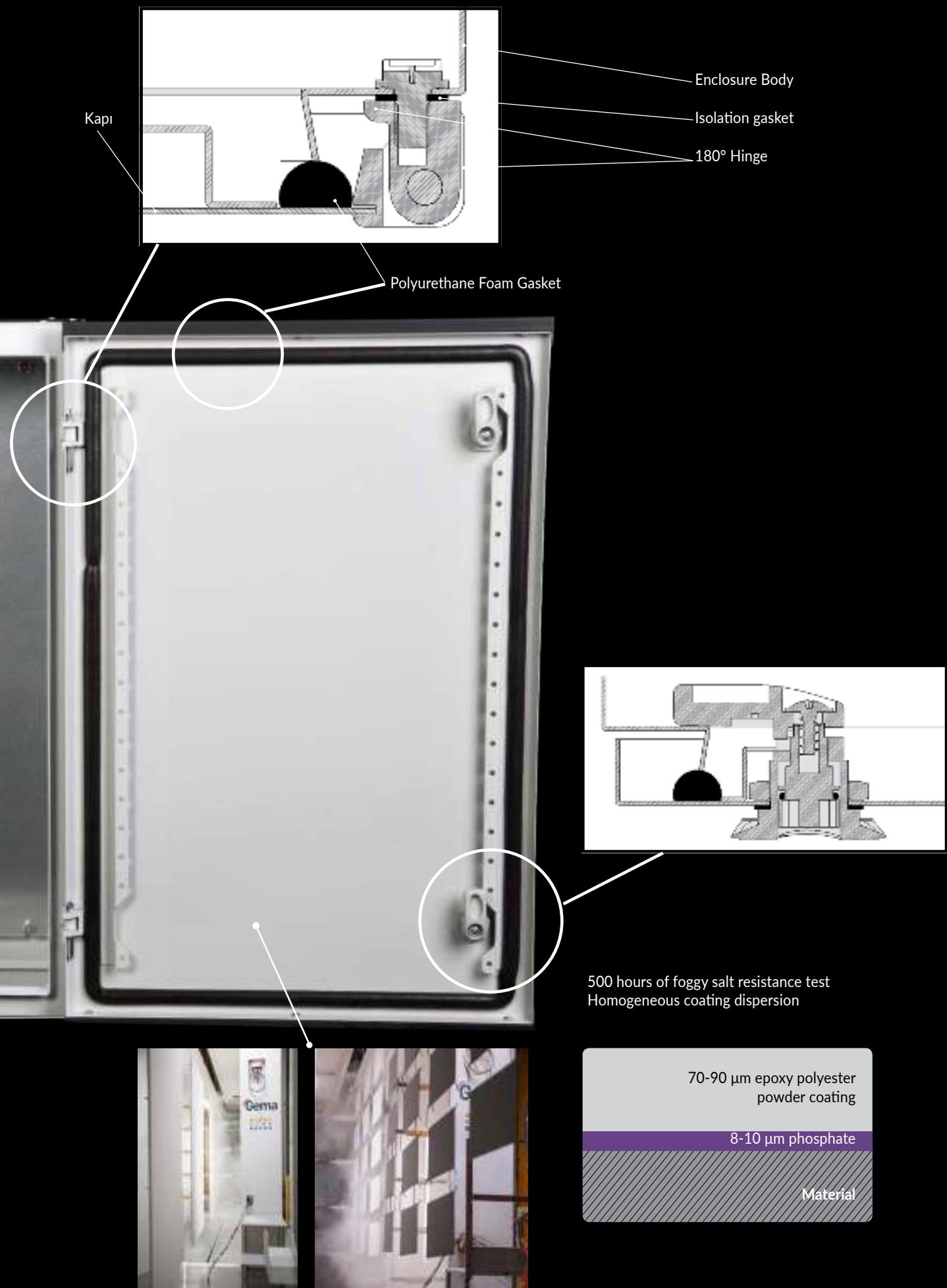
ARES / Highlights





ARES / Highlights





COMPACT ENCLOSURES

ARES SOLID DOOR with MOUNTING PLATE



IP
CE
EAC

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 : Iron-phosphate plated, RAL7035
Mounting Plate : Rough Epoxy, polyester powder-coating
: 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 268 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

Wall Bracket p.: 91

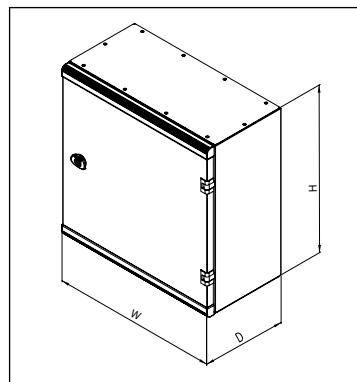


Other Accessories p.: 86

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 | v800 | 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



COMPACT ENCLOSURES

ARES SOLID DOOR, without MOUNTING PLATE

IP
CE
EAC



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

Surface Process : Mild Steel Parts : Iron-phosphate plated, RAL7035 Rough Epoxy, polyester powder-coating

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 268 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

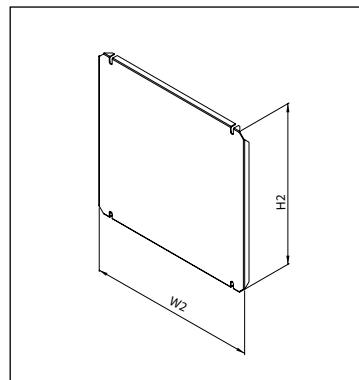
Wall Bracket p.: 91



Other Accessories p.: 86

ARES SOLID DOOR, without MOUNTING PLATE

| PRODUCT CODE | WIDTH (W) | HEIGHT (H) | DEPTH (D) | LOCK | HINGE | WEIGHT (kg) |
|--------------|-----------|------------|-----------|------|-------|-------------|
| 101.250 | 300 | 400 | 150 | 249 | 334 | 1 |
| 101.251 | 300 | 400 | 200 | 249 | 334 | 1 |
| 101.252 | 400 | 400 | 200 | 349 | 334 | 1 |
| 101.253 | 400 | 500 | 200 | 349 | 343 | 1 |
| 101.254 | 400 | 600 | 200 | 349 | 534 | 2 |
| 101.255 | 400 | 600 | 280 | 349 | 534 | 2 |
| 101.265 | 500 | 500 | 200 | 449 | 434 | 2 |
| 101.266 | 500 | 500 | 280 | 449 | 434 | 2 |
| 101.256 | 500 | 600 | 200 | 449 | 534 | 2 |
| 101.257 | 500 | 700 | 200 | 449 | 634 | 2 |
| 101.258 | 500 | 700 | 280 | 449 | 634 | 2 |
| 101.259 | 600 | 800 | 200 | 549 | 734 | 2 |
| 101.260 | 600 | 800 | 280 | 549 | 734 | 2 |
| 101.261 | 600 | 1000 | 280 | 549 | 934 | 2 |
| 101.262 | 600 | 1150 | 280 | 549 | 1084 | 3 |



Catalogue



COMPACT ENCLOSURES

ARES GLAZED DOOR with MOUNTING PLATE

IP
CE
EAC



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 : Iron-phosphate plated, RAL7035
Rough Epoxy, polyester powder-coating
Mounting plate : Galvanized Steel

IP Rate : IP 55, (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 268 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

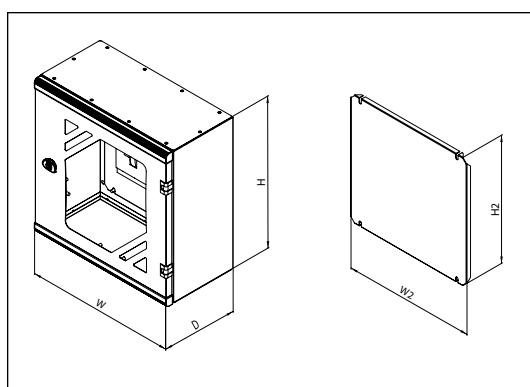
Wall Bracket p.: 91



Other Accessories p.: 86

ARES GLAZED DOOR with MOUNTING PLATE

| PRODUCT CODE | WIDTH (W) | HEIGHT (H) | DEPTH (D) | G2 (mm) | Y2 (mm) | LOCK | HINGE | WEIGHT (kg) |
|--------------|-----------|------------|-----------|---------|---------|------|-------|-------------|
| 101.453 | 400 | 500 | 200 | 349 | 434 | 1 | 2 | 8,8 |
| 101.454 | 400 | 600 | 200 | 349 | 534 | 2 | 2 | 10,2 |
| 101.455 | 400 | 600 | 280 | 349 | 534 | 2 | 2 | 11,5 |
| 101.456 | 500 | 600 | 200 | 449 | 534 | 2 | 2 | 12,2 |
| 101.457 | 500 | 700 | 200 | 449 | 634 | 2 | 2 | 13,9 |
| 101.458 | 500 | 700 | 280 | 449 | 634 | 2 | 2 | 15,5 |
| 101.459 | 600 | 800 | 200 | 549 | 734 | 2 | 2 | 18 |
| 101.460 | 600 | 800 | 280 | 549 | 734 | 2 | 2 | 19,8 |
| 101.461 | 600 | 1000 | 280 | 549 | 934 | 2 | 3 | 31,5 |
| 101.462 | 600 | 1150 | 280 | 549 | 1084 | 3 | 3 | 33,1 |
| 101.463 | 800 | 1000 | 280 | 749 | 934 | 2 | 3 | 36,5 |
| 101.464 | 800 | 1150 | 280 | 749 | 1084 | 3 | 3 | 41,2 |



Catalogue



COMPACT ENCLOSURES

ARES GLAZED DOOR without MOUNTING PLATE

IP
CE
EAC



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

Surface Process: : Mild steel parts : Iron-phosphate plated, RAL7035 Rough Epoxy, polyester powder-coating

IP Rate : IP 55, (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 268 for technical drawings.

ACCESSORIES:

Knitted Earthing Cable p.: 91

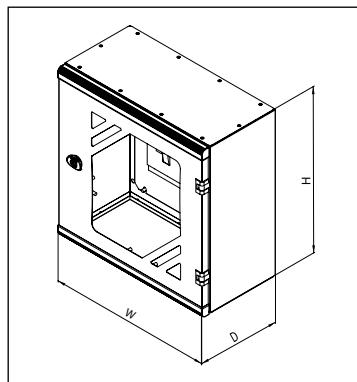
Wall Bracket p.: 91



Other Accessories p.: 86

ARES GLAZED DOOR without MOUNTING PLATE

| PRODUCT CODE | WIDTH (W) | HEIGHT (H) | DEPTH (D) | LOCK | HINGE | WEIGHT (kg) |
|--------------|-----------|------------|-----------|------|-------|-------------|
| 101.553 | 400 | 500 | 200 | 1 | 2 | 6,8 |
| 101.554 | 400 | 600 | 200 | 2 | 2 | 7,8 |
| 101.555 | 400 | 600 | 280 | 2 | 2 | 9,1 |
| 101.556 | 500 | 600 | 200 | 2 | 2 | 9,2 |
| 101.557 | 500 | 700 | 200 | 2 | 2 | 10,3 |
| 101.558 | 500 | 700 | 280 | 2 | 2 | 11,9 |
| 101.559 | 600 | 800 | 200 | 2 | 2 | 12,9 |
| 101.560 | 600 | 800 | 280 | 2 | 2 | 14,7 |
| 101.561 | 600 | 1000 | 280 | 2 | 3 | 21,0 |
| 101.562 | 600 | 1150 | 280 | 3 | 3 | 23,3 |
| 101.563 | 800 | 1000 | 280 | 2 | 3 | 25,0 |
| 101.564 | 800 | 1150 | 280 | 3 | 3 | 27,9 |



Catalogue



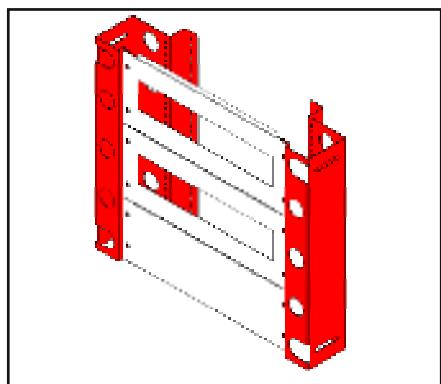
MAIN INTERIOR SUPPORT RAILS



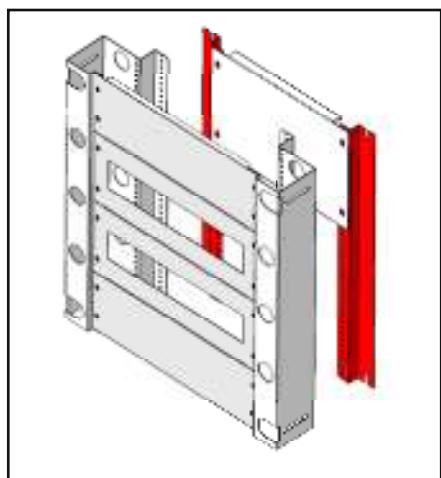
Material : Mild steel,
RAL7035 powder-coating.

Supply includes : 2 pcs support rails
and assembly parts.

| PRODUCT CODE | ENCLOSURE | |
|--------------|------------|-------------------------|
| | HEIGHT (H) | VERTICAL PROFILE HEIGHT |
| 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 |



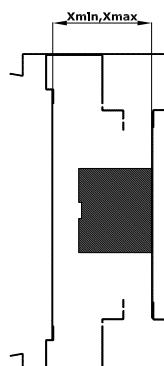
INTERIOR MOUNTING RAILS



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 |

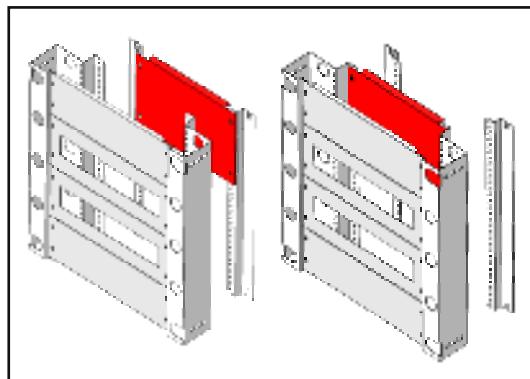


X min. Depth 200 mm : 93 mm
Depth 280 mm : 173 mm

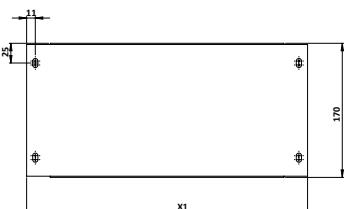
X max. Depth 200 mm : 183 mm
Depth 280 mm : 213 mm

ARES ACCESSORIES AND EQUIPMENTS

INTERIOR MOUNTING PLATE

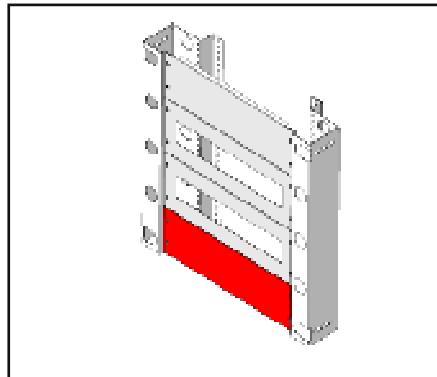


Material : Galvanized steel
Supply includes : 1 pcs mounting plate and assembly parts

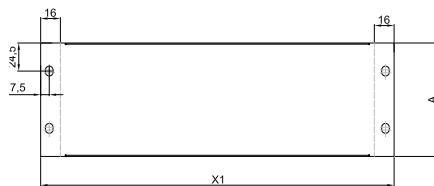


| PRODUCT CODE | ENCLOSURE | | |
|--------------|-----------|--------|---------|
| | WIDTH | HEIGHT | X1 (mm) |
| 944.406 | 300 | 170 | 156 |
| 944.402 | 400 | 170 | 256 |
| 944.403 | 500 | 170 | 356 |
| 944.404 | 600 | 170 | 456 |
| 944.405 | 800 | 170 | 656 |

INTERIOR COVER PLATES

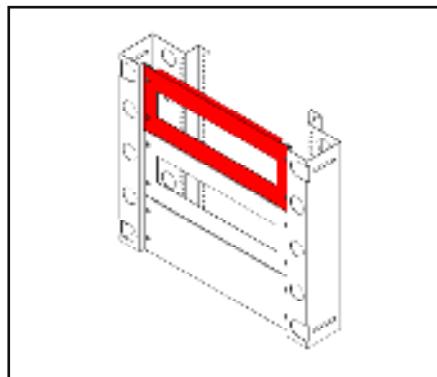


Material : Mild steel,
RAL 7035 powder-coating.
Supply includes : 1 pcs plate and assembly parts

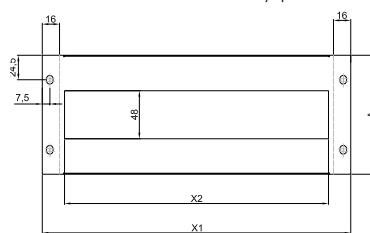


| PRODUCT CODE | ENCLOSURE | | |
|--------------|-----------|--------|---------|
| | WIDTH | A (mm) | X1 (mm) |
| 943.870 | 300 | 80 | 208 |
| 943.820 | | 100 | 208 |
| 943.821 | | 120 | 208 |
| 943.822 | | 160 | 208 |
| 943.871 | 400 | 80 | 308 |
| 943.823 | | 100 | 308 |
| 943.824 | | 120 | 308 |
| 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

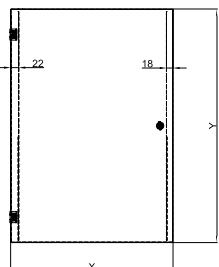


| PRODUCT CODE | ENCLOSURE | | | | |
|--------------|-----------|--------|---------|-----|-------------|
| | WIDTH | A (mm) | X1 (mm) | X2 | SWITCH CAP. |
| 943.835 | 300 | 120 | 208,5 | 163 | 9 |
| 943.836 | | 160 | 208,5 | 163 | 9 |
| 943.837 | 400 | 120 | 308,5 | 253 | 14 |
| 943.838 | | 160 | 308,5 | 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



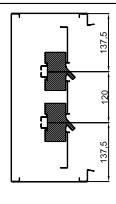
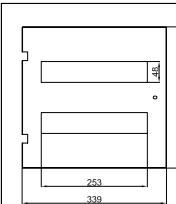
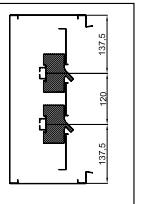
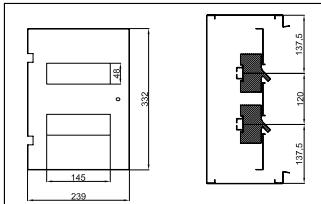
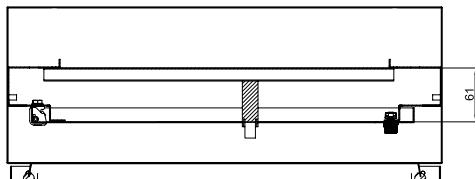
| PRODUCT CODE | ENCLOSURE | | | |
|--------------|-----------|------------|--------|--------|
| | WIDTH (W) | HEIGHT (H) | X (mm) | Y (mm) |
| 943.845 | 300 | 400 | 239 | 232 |
| 943.846 | 400 | 400 | 339 | 232 |
| 943.847 | | 500 | 339 | 432 |
| 943.848 | | 600 | 339 | 532 |
| 943.849 | 500 | 600 | 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

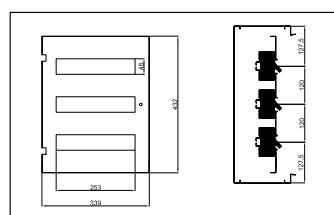
Material : Mild steel, RAL7035 powder-coating

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

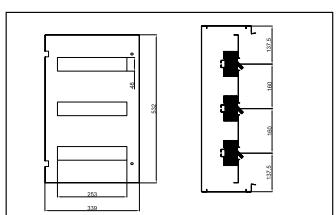


Enclosure W300 x H400 mm
Product Code: **943.856**

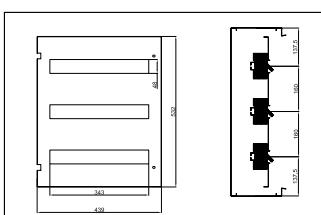
Enclosure W400 x H400 mm
Product Code: **943.857**



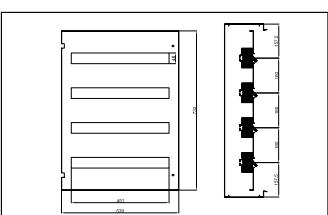
Enclosure W400 x H500 mm
Product Code: **943.858**



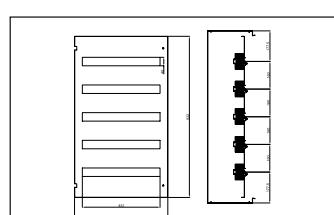
Enclosure W400 x H600 mm
Product Code: **943.859**



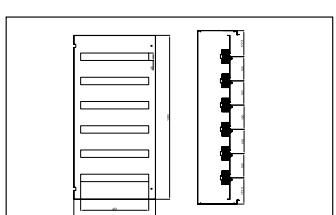
Enclosure W500 x H600 mm
Product Code: **943.860**



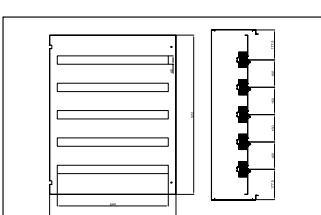
Enclosure W600 x H600 mm
Product Code: **943.862**



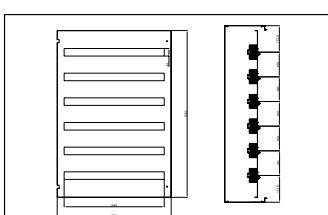
Enclosure W600 x H1000 mm
Product Code: **943.863**



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**

ARES ACCESSORIES AND EQUIPMENTS

19" SWING FRAME



Material : Mild steel, RAL7035 powder-coating.

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

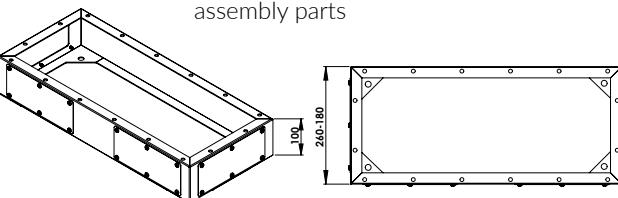
| PRODUCT CODE | ENCLOSURE | | |
|--------------|-----------|------------|----|
| | WIDTH (W) | HEIGHT (H) | U |
| 943.867 | 600 | 800 | 14 |
| 943.868 | 600 | 1000 | 18 |
| 943.869 | 600 | 1150 | 22 |

ARES PLINTH



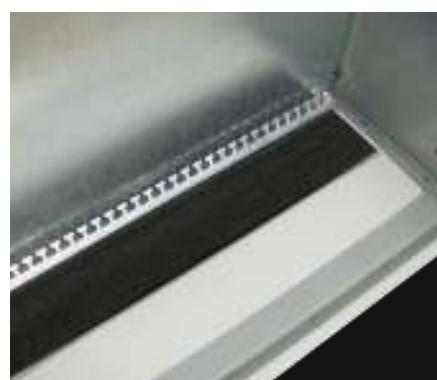
Material : Mild Steel, RAL 7035 powder coating

Supply includes : 1 pcs plinth, lids and assembly parts



| PRODUCT CODE | ENCLOSURE | |
|--------------|-----------|--------|
| | WIDTH | HEIGHT |
| 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 | HEIGHT |
| 925.101 | 500 | 200 |
| 925.102 | 500 | 280 |
| 925.103 | 600 | 200 |
| 925.104 | 600 | 280 |
| 925.105 | 800 | 280 |

CABLE CLAMP RAIL



Material : Galvanized Steel

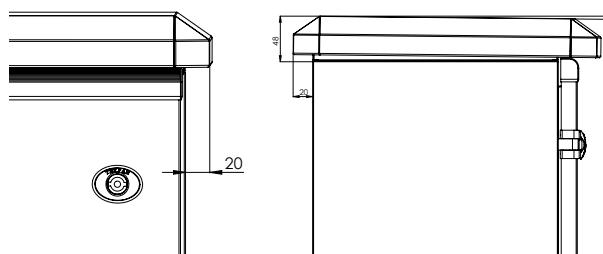
Supply includes : 1 pcs rail and assembly parts

| PRODUCT CODE | ENCLOSURE |
|--------------|-----------|
| | WIDTH |
| 997.121 | 500 |
| 997.122 | 600 |
| 997.123 | 800 |

RAIN CANOPY

Material : Galvanized steel,
RAL 7035 powder-coating

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

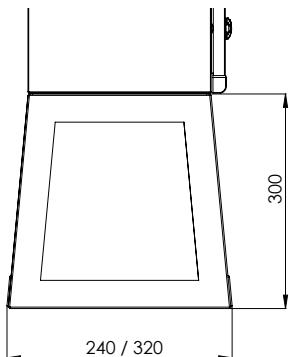


| PRODUCT CODE | ENCLOSURE | |
|--------------|-----------|-------|
| | WIDTH | DEPTH |
| 934.101 | 300 | 200 |
| 934.102 | 400 | 200 |
| 934.103 | | 280 |
| 934.104 | 500 | 200 |
| 934.105 | | 280 |
| 934.106 | 600 | 200 |
| 934.107 | | 280 |
| 934.108 | 800 | 280 |

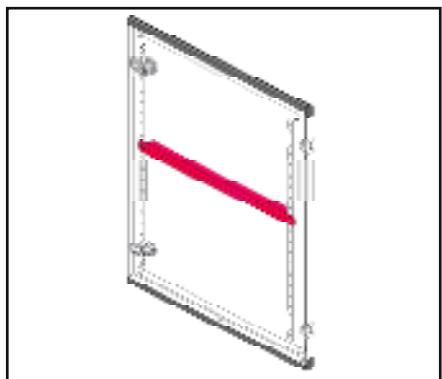
PLINTH FOR OUTDOOR USE

Material : Galvanized steel,
RAL 7035 powder-coating

Supply includes: 1 pcs outdoor plinth and assembly parts



| PRODUCT CODE | ENCLOSURE | |
|--------------|-----------|-------|
| | WIDTH | 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.

MCB RAIL (H15)

Product Code: 990.100
990.102

Quantity : 1

Length : 7,5 mm

LAMP RAIL

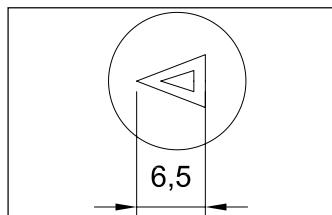
Product Code: 903.151-500G
903.152-600G
903.153-800G

Quantity : 1 pc, screws

Length : 2 m

SPECIAL LOCK INSERTS

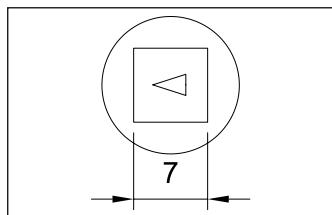
TRIANGLE INSERT



Product Code: 951.211

Quantity : 1

SQUARE INSERT



Product Code: 951.212

Quantity : 1

HANDLE LOCK



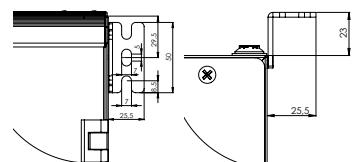
Product Code: 951.205

Quantity : 1

WALL BRACKET



Product Code: 971.100

Quantity : 4 pcs wall bracket,
screws and
gaskets

MCB BLANK PLATE



Product Code: 990.101

Quantity : 1

Length : 175 mm

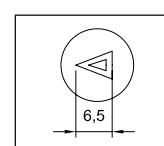
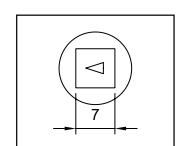
LAMP 230V



| 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 KEYS

Product Code
952.200Product Code
952.201

SPARE PARTS

M5x10 SELF TAPPING SCREW



Product Code: 951.211

Quantity : 100

DOUBLEBIT KEY



Product Code: 952.100

Quantity : 1



> DEKRA



TEOS SERIES

94



**NEO
MODULAR SERIES**

116



**NEO
MONOBLOCK SERIES**

136



**NEO HC OUTDOOR
MODULAR SERIES**

142

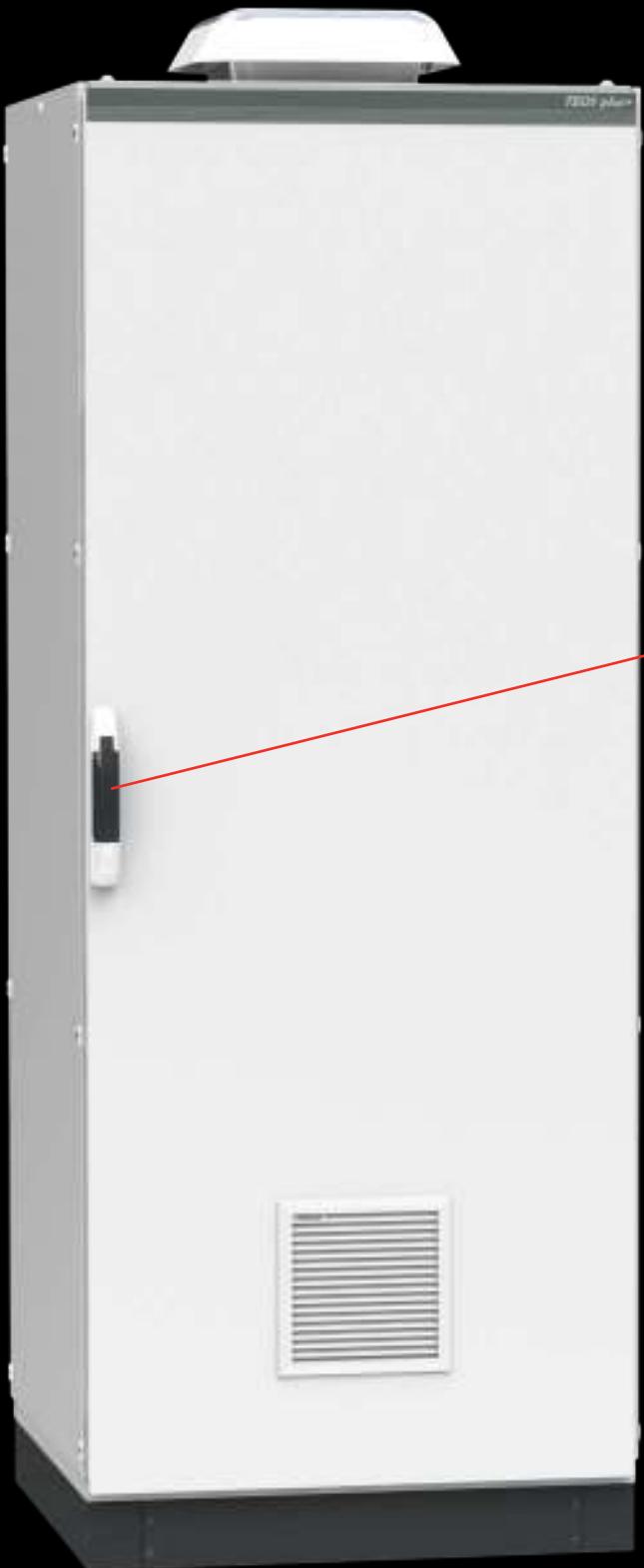


**NEO HC OUTDOOR
MONOBLOCK SERIES**

150

TEOS SERIES

FLOORSTANDING MODULAR CABINET



cULus

CE

EAC

IEC

RoHS

DEKRA

TEOS SERIES

FLOORSTANDING MODULAR CABINET



TEOS SERIES INTERNATIONAL CERTIFICATES



SEISMIC (EARTHQUAKE) RESISTANCE TEST REPORT

ZONE 3

| | |
|--|--|
| 1. GENERAL DATA | 1.7. Testing laboratory |
| 1.1. Customer | P&P LMC S.r.l. via Parapiglia, 9 24068 Seriate (BG) ITALY |
| TEKPAN TEKNİK ELEKTRİK, Askař Afiat 14 km. İstiklal Mh. 17. Sk. No.8 Ulus Kocatepe / Ankara TURKEY | 1.8. Test date October 17 th - 18 th - 19 th - 22 nd , 2012. |
| 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. | 1.9. Responsibilities A. Bonzi, test responsible M. Civera, test engineer D. Recalcati, test engineer |
| 1.3. Manufacturer TEKPAN TEKNİK ELEKTRİK. | 2. TESTING PROCEDURES |
| 1.4. Reference documents | 2.1. General remarks |
| a. Ofice P&P LMC No. OF-AB-04/12 rev.01, dated June 18 th , 2012. b. Order Telqan dated June 19 th , 2012. | To perform the tests three reference directions have been considered for the unit: X (front - rear), Y (side - side) and Z (vertical). |
| 1.4.2. Technical documents and standards | The sequence of the tests for the unit has been: |
| 1. Tekcorda 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. | <ul style="list-style-type: none"> • Seismic tests, performed in three directions (X, Y, Z) and consisted in: vibration response investigation excitation vibration response investigation |
| 1.5. Test objective The purpose of the tests were to demonstrate that the unit behave in compliance with the requirements stated in doc. 11/01/12 referring to a seismic risk classified as Zone 3. | All the applied vibrations were monodirectional. |
| 1.6. Tests overall results At the end of the tests, at a visual inspection, any damages on the unit were detected. | Test Z direction were performed on a vertical shaking table moved by an electro-dynamic shaker. For the other two directions, a horizontal shaking table was used. Excitation directions are shown in the photographs. |
| 1.7. Testing laboratory | |
| 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. | |
| 2.1. General remarks | |
| To perform the tests the unit was mounted in its intended operating configuration. | |
| The purpose of the tests were to demonstrate that the unit behave in compliance with the requirements stated in doc. 11/01/12 referring to a seismic risk classified as Zone 4. | |
| 2.3. Control and measuring positions | |
| During the tests, for the motion control the signal of a monocrystal accelerometer in the excitation direction (CTF) was used. Moreover two triaxial accelerometers (MP1 and MP2) were placed on the unit for the vibration measurement. In the table reported below are indicated the model and serial number of the transducers mounted in the control and measuring positions during the tests. | |
| 2.4. Mounting techniques | |
| For all the 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. | |
| 2.5. Control and measuring positions | |
| During the tests, for the motion control the signal of a monocrystal accelerometer in the excitation direction (CTF) 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 indicated the model and serial number of the transducers mounted in the control and measuring positions during the tests. | |

- 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 x 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 | 1.7. Testing laboratory |
| 1.1. Customer | P&P LMC S.r.l. via Parapiglia, 9 24068 Seriate (BG) ITALY |
| TERKPAN TEKNİK ELEKTRİK, Askař Afiat 14 km. İstiklal Mh. 17. Sk. No.8 Ulus Kocatepe / Ankara TURKEY | 1.8. Test date October 17 th - 18 th . |
| 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. | 1.9. Responsibilities A. Bonzi, test responsible M. Civera, test engineer D. Recalcati, test engineer |
| 1.3. Manufacturer TERKPAN TEKNİK ELEKTRİK. | 2. TESTING PROCEDURES |
| 1.4. Reference documents | 2.1. General remarks |
| a. Ofice P&P LMC No. OF-AB-04/12 rev.01, dated June 18 th , 2012. b. Order Telqan dated June 19 th , 2012. | To perform the three directions reference directions have been considered for the unit: X (front - rear), Y (side - side) and Z (vertical). |
| 1.4.2. Technical documents and standards | The sequence of the tests for the unit has been: |
| 1. Tekcorda 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; | <ul style="list-style-type: none"> • Seismic tests, performed in three directions (X, Y, Z) and consisted in: vibration response investigation excitation vibration response investigation |
| 1.5. Test objective The purpose of the tests were to demonstrate that the unit behave in compliance with the requirements stated in doc. 11/01/12 referring to a seismic risk classified as Zone 3. | All the applied vibrations were monodirectional. |
| 1.6. Tests overall results At the end of the tests, at a visual inspection, any damages on the unit were detected. | Test Z direction were performed on a vertical shaking table moved by an electro-dynamic shaker. For the other two directions, a horizontal shaking table was used. Excitation directions are shown in the photographs. |
| 1.7. Testing laboratory | |
| For all the 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. | |
| 2.1. General remarks | |
| To perform the three directions 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: | |
| <ul style="list-style-type: none"> • Seismic tests, performed in three directions (X, Y, Z) and consisted in: vibration response investigation excitation vibration response investigation | |
| 2.3. Control and measuring positions | |
| During the tests, for the motion control the signal of a monocrystal accelerometer in the excitation direction (CTF) 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 indicated the model and serial number of the transducers mounted in the control and measuring positions during the tests. | |
| 2.4. Mounting techniques | |
| For all the 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. | |
| 2.5. Control and measuring positions | |
| During the tests, for the motion control the signal of a monocrystal accelerometer in the excitation direction (CTF) 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 indicated the model and serial number of the transducers mounted in the control and measuring positions during the tests. | |

- '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 - TEKNİK ELEKTRİK KUMANDA PANOSU SAN VE TURİZM TİCARET LTD STİ ANKARA ASFALTI 14 KM İSTİKLAL 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. |
| 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. Cerney, Director, North American Certification Programs

UL LLC

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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 CONTINUITY

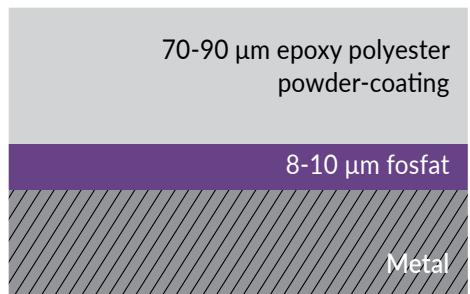


Placed on the aliminium corner combination, the earthing hooks are tightly mounted on the uncoated inner surface of the rails by means of eroding. Thereby, the earthing continuity is ensured for all rails and their parts

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 earthing all parts by use of special grounding washers.

TEOS CORROSION PROTECTION

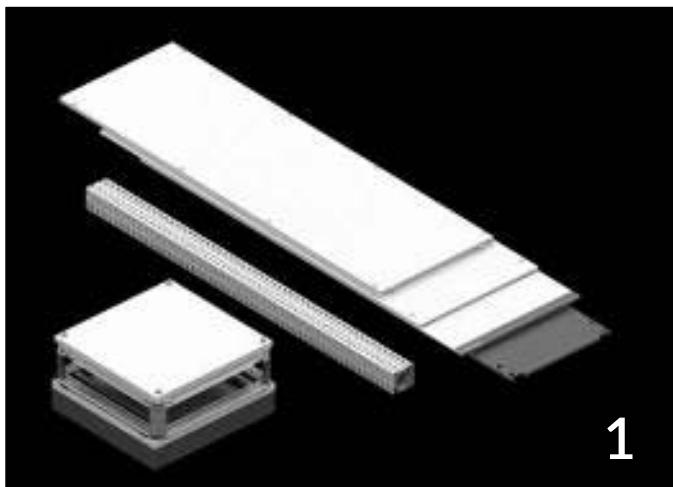


Teos closed frame made by galvanized steel (DIN EN 10142_00 DX51 D+Z) and coated iron-phosphated and powder coated from outside of the surface. Non-powder coated inside surface can not corrode because of the galvanized material style.

Manufactured from aliminium-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, phosphating, 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



1



2



3



4

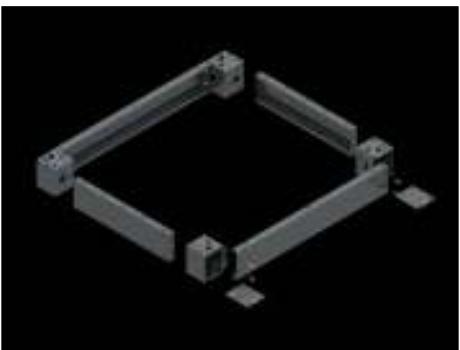
Offered as flat package, the TEOS series is designed for an easy mounting in a minimal amount of time. It does not require angulation for the body and can be mounted between 15-20 minutes by two people.

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



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

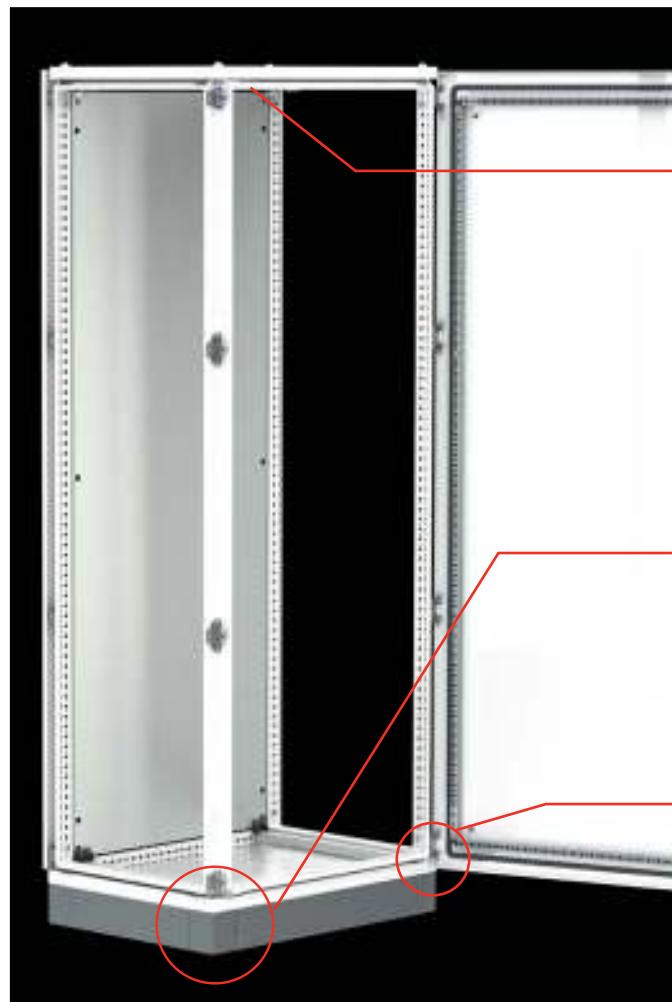


Rigid and Durable Lock Structure



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.

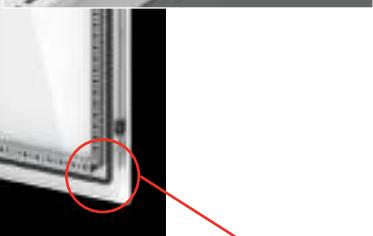
IP 55 - IP 65 PROTECTION CATEGORY



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

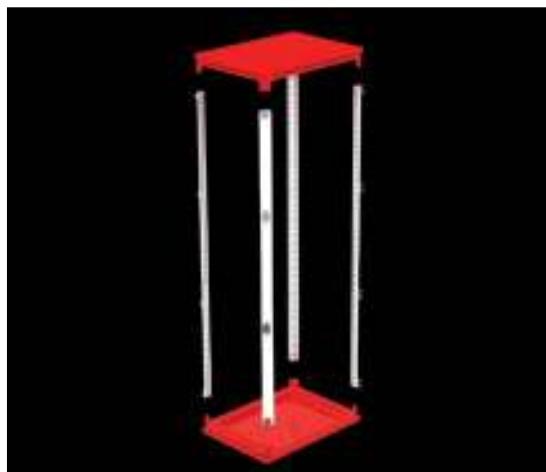


Manufactured from a 3,00 mm galvanized steel, TEOS mounting plates are railed and easily mounted. With its thick steel sheet structure, the mounting plate can carry heavy equipment with its rigid structure and does not need additional side support parts. In this way, bayed enclosure space is increased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



TOP/BOTTOM GROUP



Relevant Size : ENCLOSURE WIDTH x DEPTH
Material :
 Body : 1,50 mm galvanized steel+RAL7035 powder-coating
 Top Cover : 1,50 mm mild steel +RAL7035 powder-coating
 Bottom : 1,50 mm mild steel + RAL7035 powder-coating
 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.

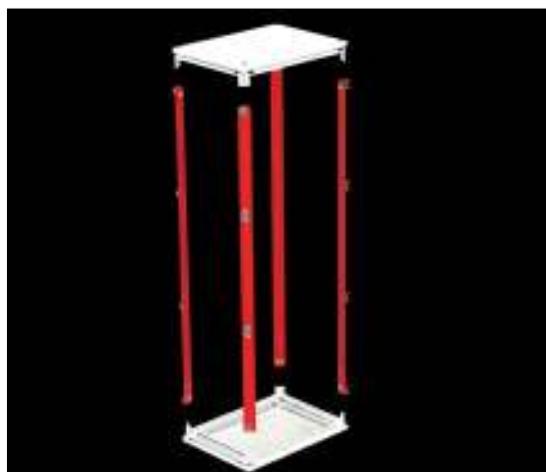
NOTE : 4 pcs eyebolts is added upon your request.

| 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 + RAL7035 powder-coating

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 154-155 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 | Enclosure 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 | Enclosure 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 |

| 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 |

SIZES and MODELS (DISASSEMBLED)

SOLID FRONT DOOR



GLAZED FRONT DOOR



Relevant size : ENCLOSURE WIDTH x HEIGHT

Material : Solid Door : 2,00 mm mild steel + RAL 7035 powder-coating
 Glazed Door : 2,00 mm mild steel + RAL 7035 powder-coating
 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 adet 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 | PRODUCT CODE | WIDTH (mm) | HEIGHT (mm) | Door | PRODUCT CODE | WIDTH (mm) | HEIGHT (mm) | Door |
|--------------------|------------|-------------|--------|--------------------|------------|-------------|--------|--------------------|------------|-------------|--------|
| 724.418 | 400 | 1800 | Single | 724.812 | 800 | 1200 | Single | 724.018 | 1000 | 1800 | Doule |
| 724.420 | 400 | 2000 | Single | 724.816 | 800 | 1600 | Single | 724.020 | 1000 | 2000 | Doule |
| 724.612 | 600 | 1200 | Single | 724.818 | 800 | 1800 | Single | 724.021 | 1000 | 2000 | Single |
| 724.616 | 600 | 1600 | Single | 724.811 | 800 | 1800 | Doule | 724.212 | 1200 | 1200 | Doule |
| 724.618 | 600 | 1800 | Single | 724.820 | 800 | 2000 | Single | 724.216 | 1200 | 1600 | Doule |
| 724.620 | 600 | 2000 | Single | 724.821 | 800 | 2000 | Doule | 724.218 | 1200 | 1800 | Doule |
| 724.622 | 600 | 2200 | Single | 724.822 | 800 | 2200 | Single | 724.220 | 1200 | 2000 | Doule |
| 724.720 | 700 | 2000 | Single | | | | | 724.222 | 1200 | 2200 | Doule |
| GLAZED DOOR | | | | GLAZED DOOR | | | | GLAZED DOOR | | | |
| 725.618 | 600 | 1800 | Single | 725.720 | 700 | 2000 | Single | 725.818 | 800 | 1800 | Single |
| 725.620 | 600 | 2000 | Single | | | | | 725.820 | 800 | 2000 | Single |

MOUNTING PLATE



Relevant size : ENCLOSURE WIDTH x HEIGHT

Material : 3,00 mm Galvanized steel

Supply Includes: 1 pcs mounting plate and mounting parts.

| TEOS plus ENCLOSURE mm | | |
|------------------------|------------|-------------|
| PRODUCT CODE | WIDTH (mm) | HEIGHT (mm) |
| 707.418 | 400 | 1800 |
| 707.420 | 400 | 2000 |
| 717.418 | 400 | 1800 |
| 717.420 | 400 | 2000 |

| PRODUCT CODE | WIDTH (mm) | HEIGHT (mm) |
|--------------|------------|-------------|
| 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

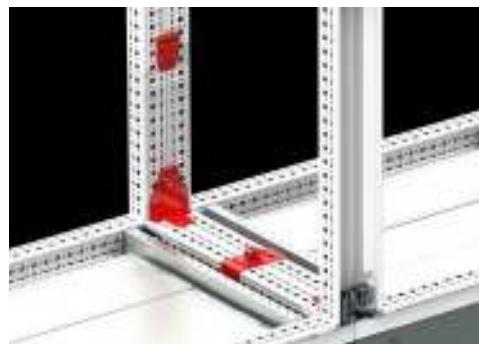


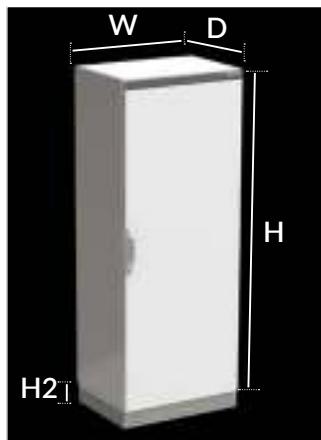
Material : 3,00 mm - 4,00 mm mild steel parts + zinc coated

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 159-162 for other combination and support systems.





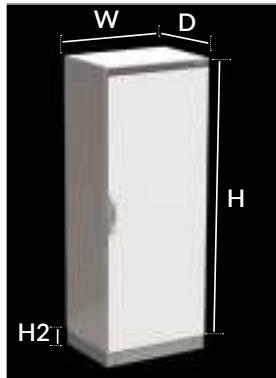
| | | Height (H) 1200 mm | | | Height (H) 1600 mm | | |
|----------------------------|---------------------------------|------------------------|-----------------|------------------|------------------------|-----------------|------------------|
| ENCLOSURE DEPTH 500 mm (D) | | ENCLOSURE WIDTH mm (W) | | | ENCLOSURE 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 |

| | | Height (H) 1800 mm | | | | |
|----------------------------|---------------------------------|------------------------|-----------------|-----------------|------------------|------------------|
| ENCLOSURE DEPTH 400 mm (D) | | 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 | | | | | |
|----------------------------|---------------------------------|--------------------|-----------------|-----------------|-----------------|------------------|------------------|
| 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 | | | | | |
|----------------------------|---------------------------------|--------------------|-----------------|-----------------|-----------------|------------------|------------------|
| 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 | 724.811 | 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 |



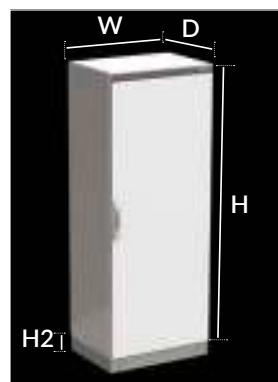
| | | Height (H) 2000 mm | | | | | | | |
|----------------------------|---------------------------------|------------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|--|
| ENCLOSURE DEPTH 400 mm (D) | | ENCLOSURE WIDTH mm (W) | | | | | | | |
| 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 | |

| | | Height (H) 2000 mm | | | | | | | |
|----------------------------|---------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| ENCLOSURE DEPTH 500 mm (D) | | 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 (ASSEMBLED)

| | | Height (H) 2000 mm | | | | | | | |
|----------------------------|---------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| ENCLOSURE DEPTH 600 mm (D) | | ENCLOSURE WIDTH mm (W) | | | | | | | |
| Step | Product Description | Single Door 400 | Single Door 600 | Single Door 700 | Single Door 800 | Single Door 800 | Single Door 1000 | Single Door 1000 | Single 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 |

| | | Height (H) 2000 mm | | | | | | | |
|----------------------------|---------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| ENCLOSURE DEPTH 800 mm (D) | | 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 |



| | | Height (H) 2200 mm | | |
|----------------------------|---------------------------------|------------------------|-----------------|------------------|
| ENCLOSURE DEPTH 600 mm (D) | | 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

| 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

SIZES and MODELS (ASSEMBLED)

| 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 | 708.185.200 |
| 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

| 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 | 707.205.011 | 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 | 777.204.4111 | 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 | | | | | | Side Panel (2 Pcs) | |
|----------------------------|------------|-----------|----------------|------------------|------------------|-----------------------|--|
| Height (H) 2200 | | | | | | | |
| 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 | | | | | | Side Panel (2 Pcs) | |
|------------------------------------|------------|-----------|----------------|------------------|------------------|-----------------------|--|
| Height (H) 2200 | | | | | | | |
| 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

NEO MODULAR SERIES

cULus
CE
ERC
IEC
RoHS
DEKRA



FLOORSTANDING CABINET



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.

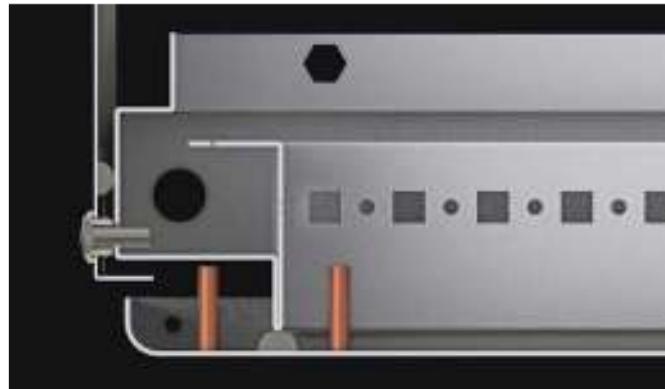
FRONT DOOR and LOCKING SYSTEM



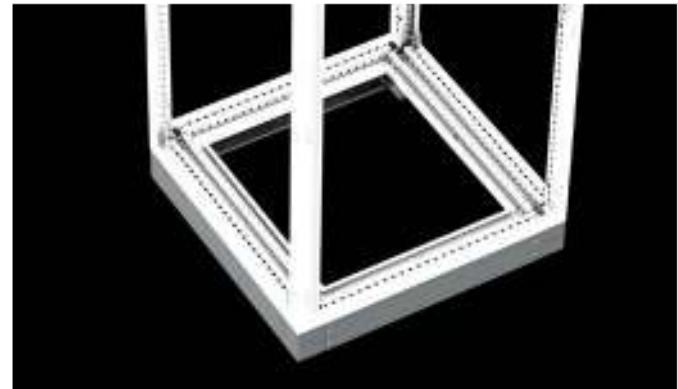
- 4 points locking and hinging system on the outside of the frame
- Push button working system of swing handle
- Modifiable insert system from cylinder inserts to other universal inserts like doublebit, square etc.
- Perforated door stiffeners in largest positioning.

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 operation, 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 operation, 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.



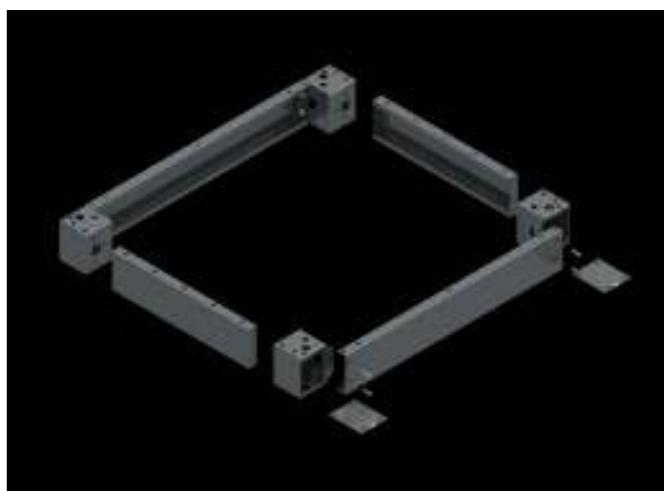
ASSEMBLING AND LOGISTICAL ADVANTAGES

MOUNTING PLATE SYSTEM



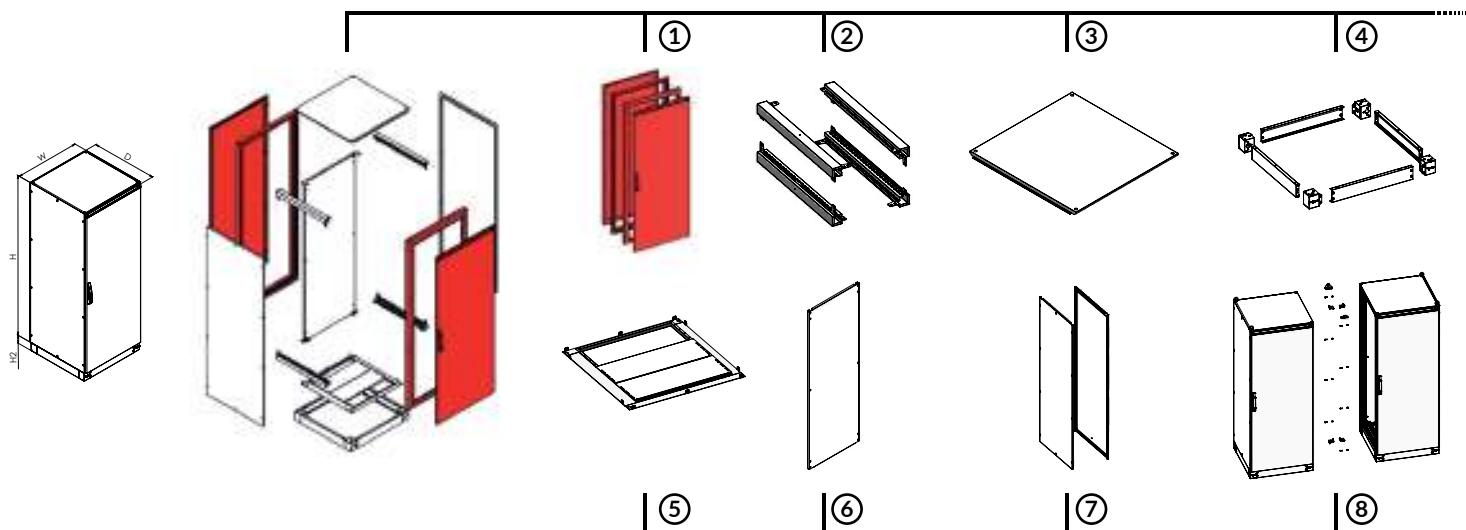
- Neo Modular and Neo Monoblock frame system are same as Teos frame related with the internal dimensions. Therefore Mounting plate system of Teos which includes 3mm thickness and 2mm thickness can adapte to Neo Modular and Neo monoblock design.

PLINTH SYSTEM

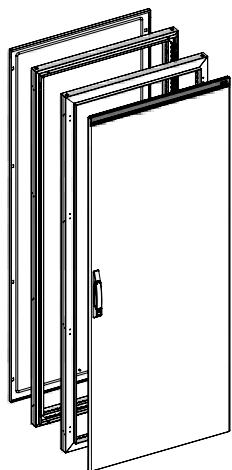


- Neo Modular and Neo monoblock frame system are same as Teos frame related with the bottom dimensions. Therefore plinth system of TEOS which includes H100mm and H200mm version can adapte to Neo Modular and Neo monoblock design.

SIZES and MODELS (DISASSEMBLED)



STEP 1 - MAIN BODY GROUP



Material :

Welded frames : 1,50 mm Galvanized steel + RAL 7035 powder coated
Front door.: 1,50 mm mild steel+ RAL 7035 powder coated
Rear Panel : 1,20 mm mild steel + RAL powder coated

Supply Includes :

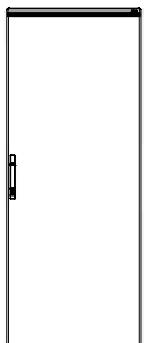
2 pcs welded frame, 1 pcs front door, 1 pcs rear panel, lock-parts, hinges and required assembling parts.

NOTE : There are 2 version in selection. Version 1 is solid design.

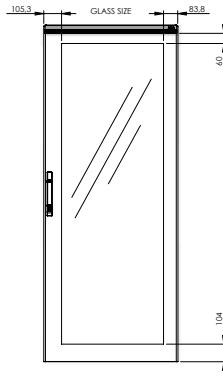
Version 2 is glazed door

NOTE : 1000 mm and 1200 mm width enclosures are double doors.

SOLID DOOR

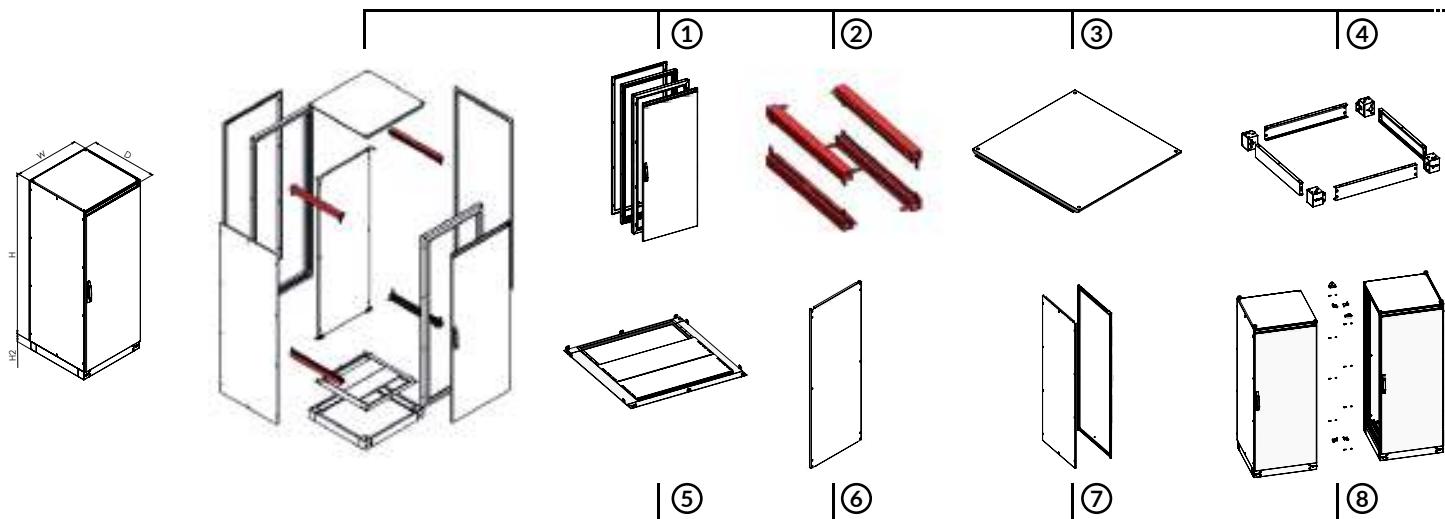


GLAZED DOOR

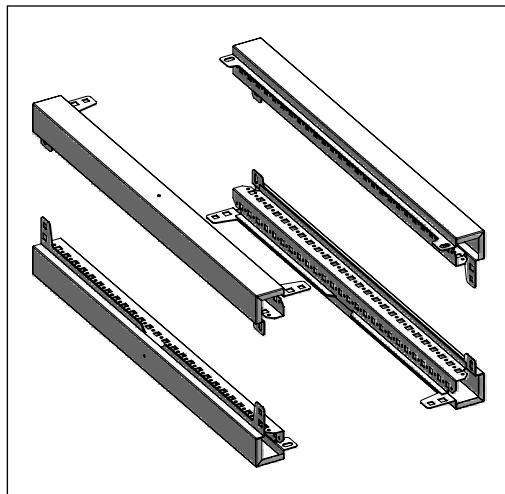


| PRODUCT CODE | | ENCLOSURE DIMENSION | |
|----------------------|-----------------------|---------------------|------------|
| VERSION 1 SOLID DOOR | VERSION 2 GLAZED DOOR | HEIGHT (mm) | Width (mm) |
| 616.121 | | 1200 | 600 |
| 618.121 | | 1200 | 800 |
| 616.161 | | 1600 | 600 |
| 618.161 | | 1600 | 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 :

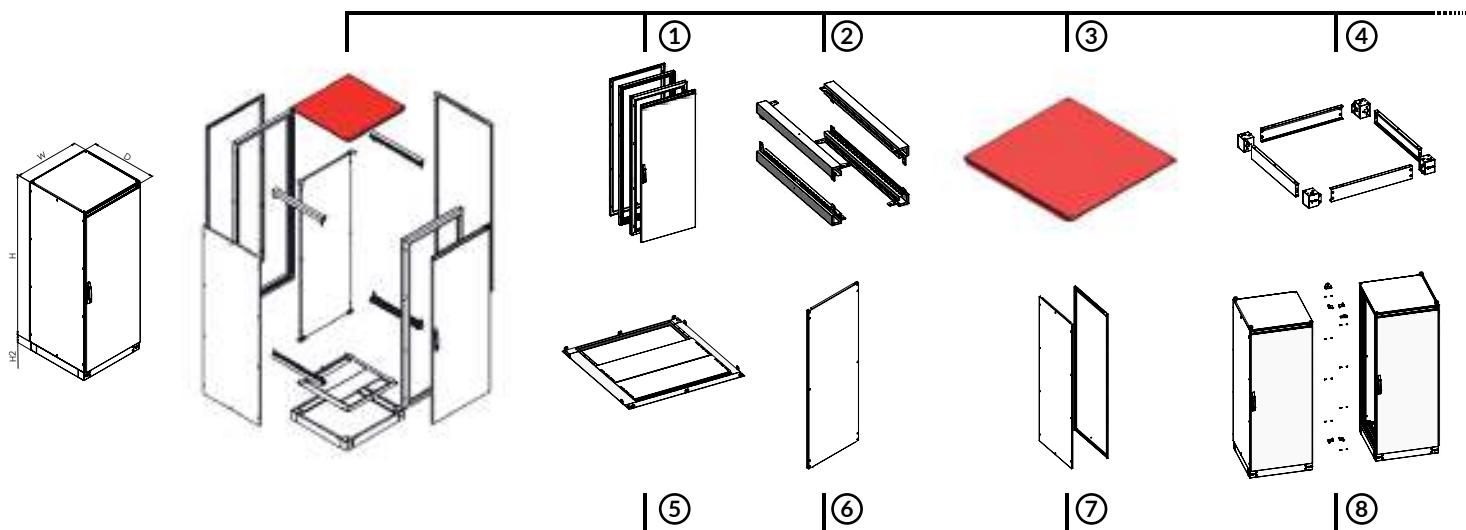
Depth parts : 1,50 mm Galvanized + RAL 7035 powder coated

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+ RAL 7035 powder coating

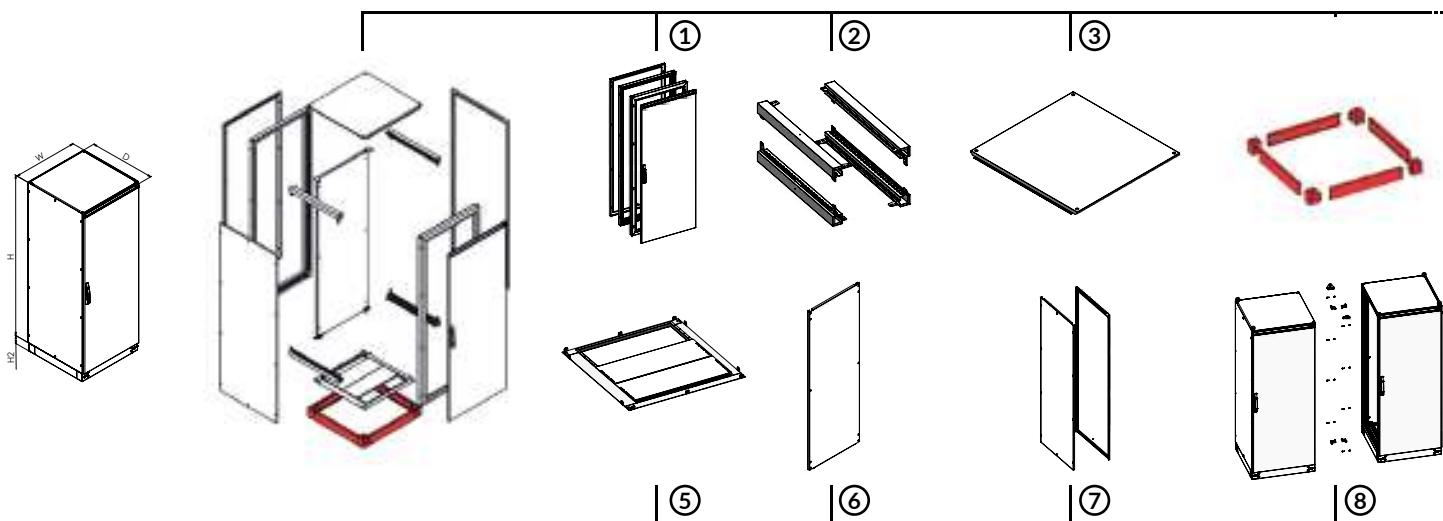
Supply Includes :

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 available 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

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

PLINTH FRONT COVER



Material :

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

Supply Includes : 2 pcs 100 mm high plinth corner part, mounting parts.

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

PLINTH SIDE COVER



Material :

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

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

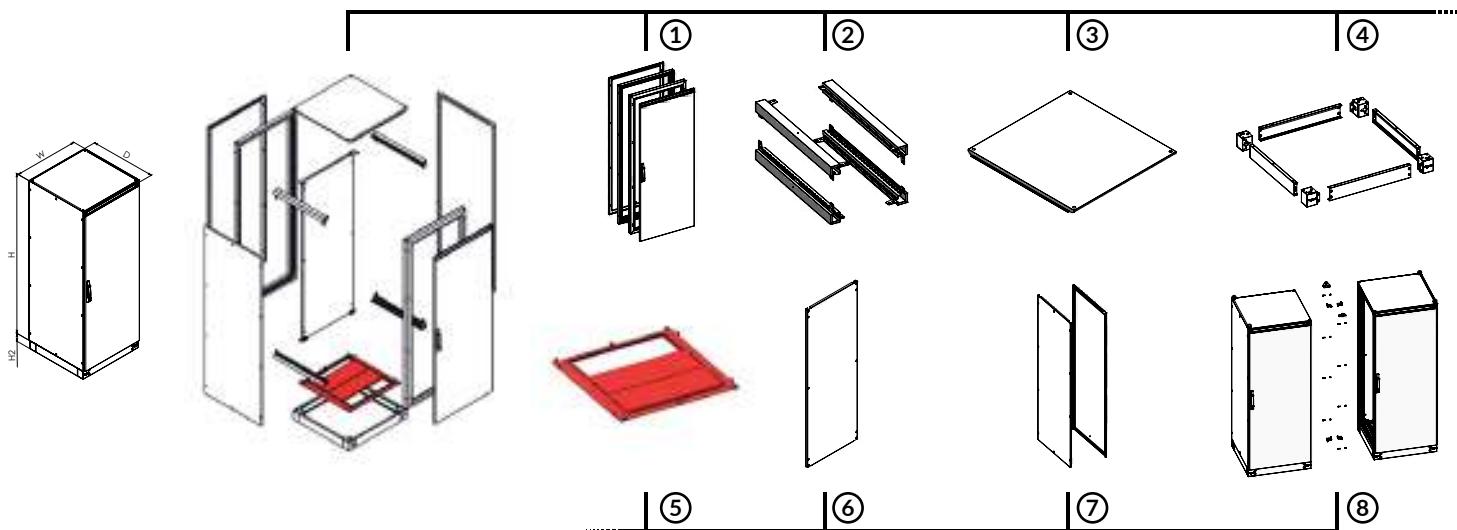
REQUIRED : 2 set of side plinth cover group for 200 mm height plints

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

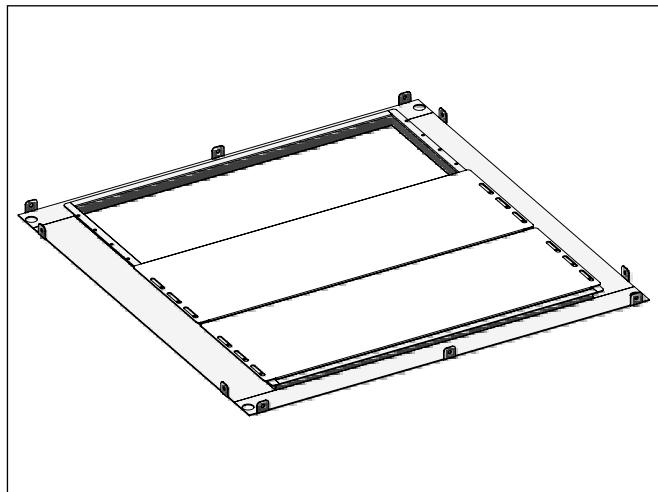
| PRODUCT CODE | ENCLOSURE WIDTH (mm) |
|--------------|----------------------|
| 709.140 | 400 |
| 709.160 | 600 |
| 709.170 | 700 |
| 709.180 | 800 |
| 709.100 | 1000 |
| 709.120 | 1200 |

| 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 :

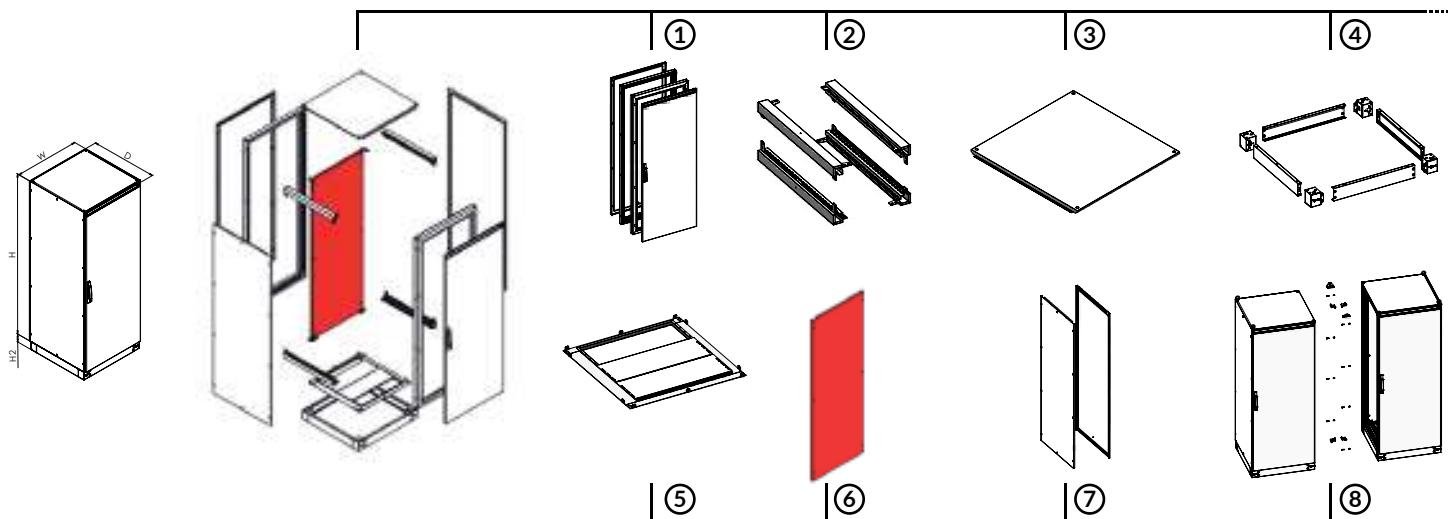
2 pcs width plate holders, 2 pcs depth plate holders, 3 or 4 pcs gland plates related with depth size

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

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

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

STEP 6 – MOUNTING PLATES (2 mm thickness)

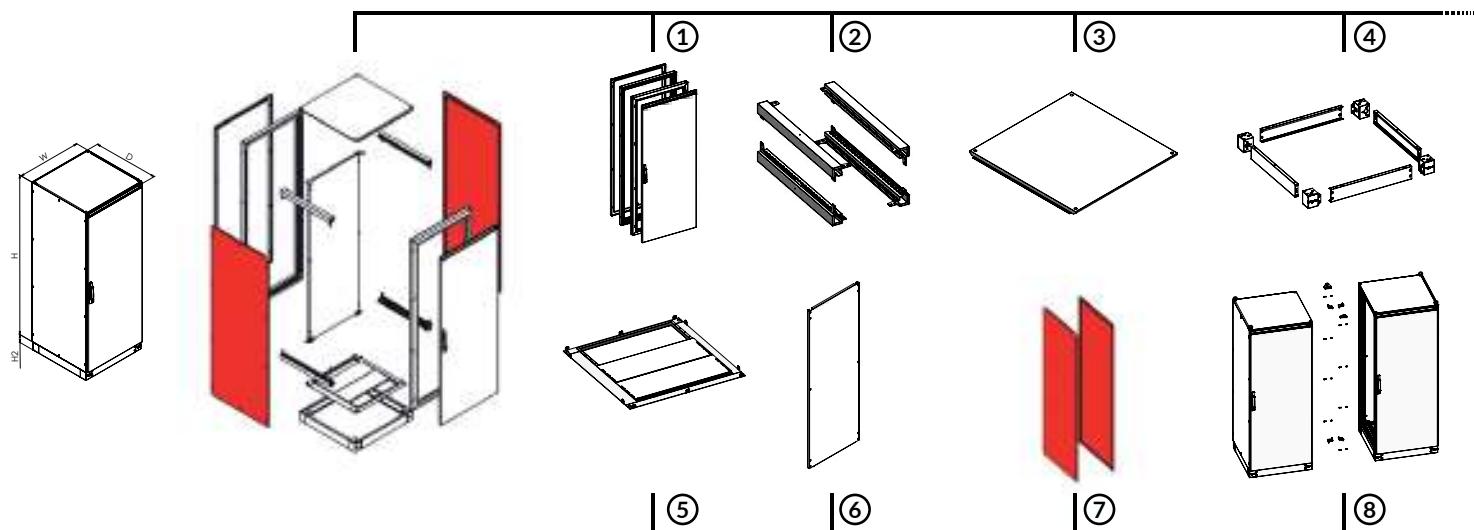


Material:
2,00 mm galvanized steel

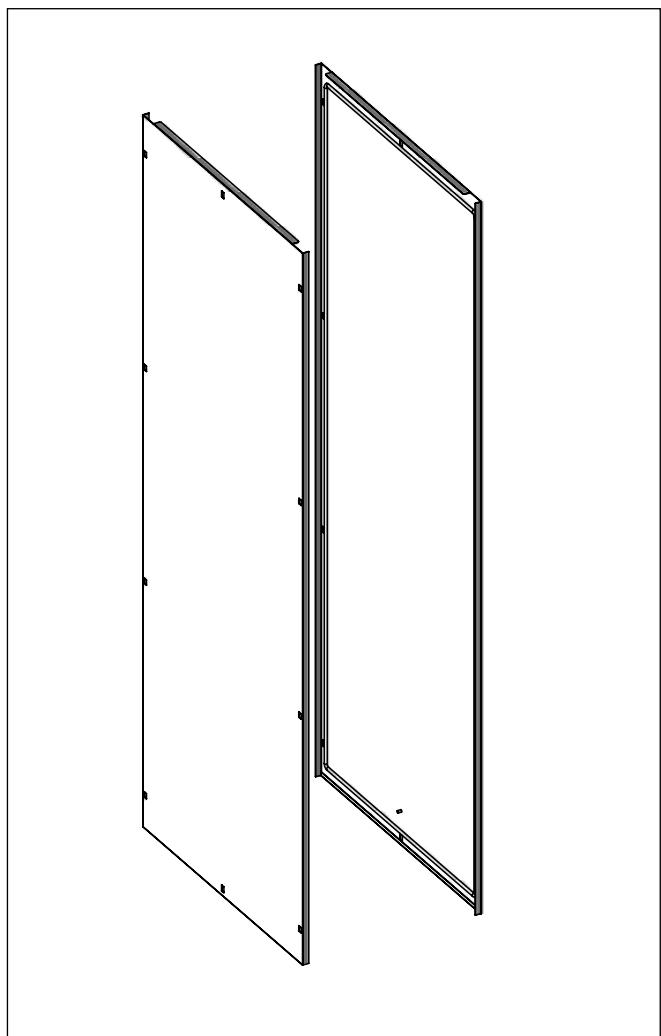
Supply Includes :
1 pcs mounting plate and assembling parts

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

SIZES and MODELS (DISASSEMBLED)



STEP 7 – SIDE PANEL (2 pcs)



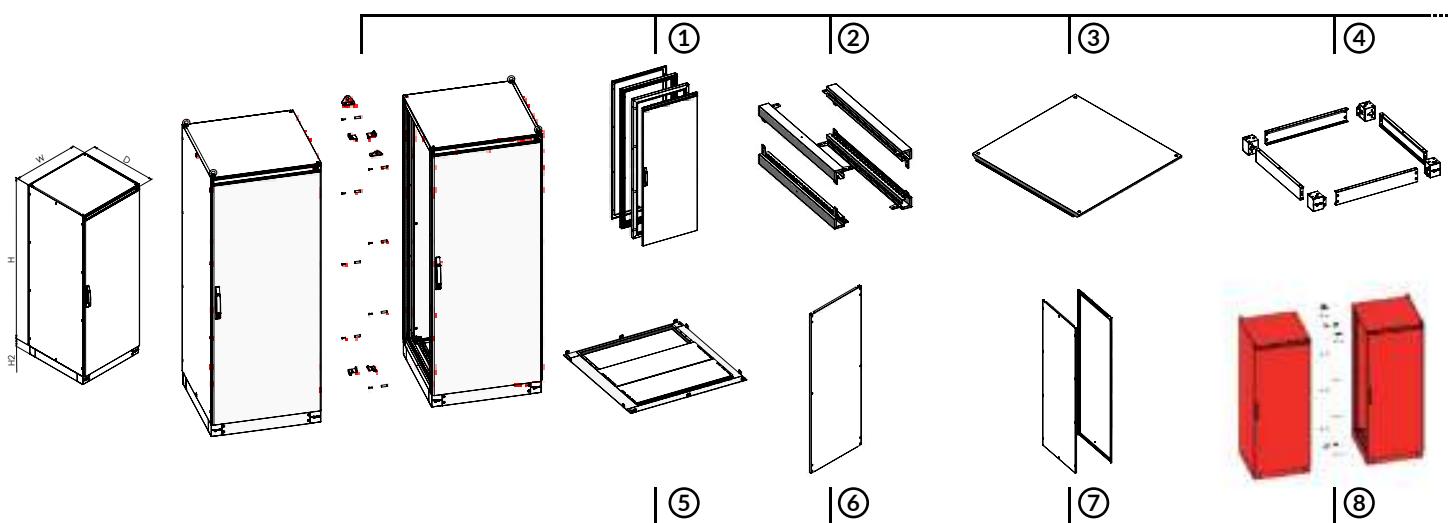
Material:

1,20 mm mild steel + RAL 7035 powder coating

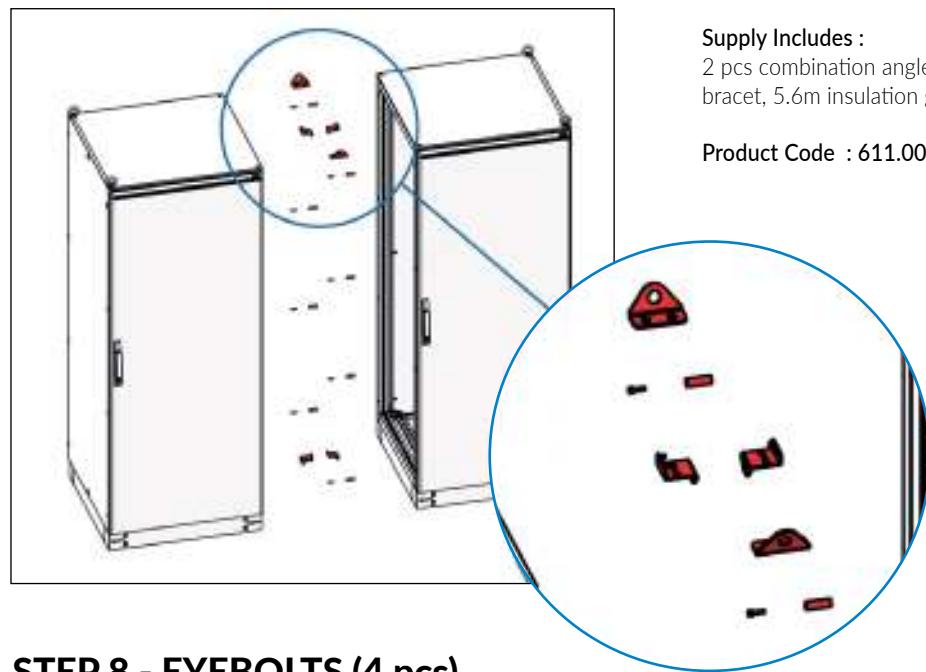
Supply Includes : 2 pcs side panel and assembling parts

| 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 |

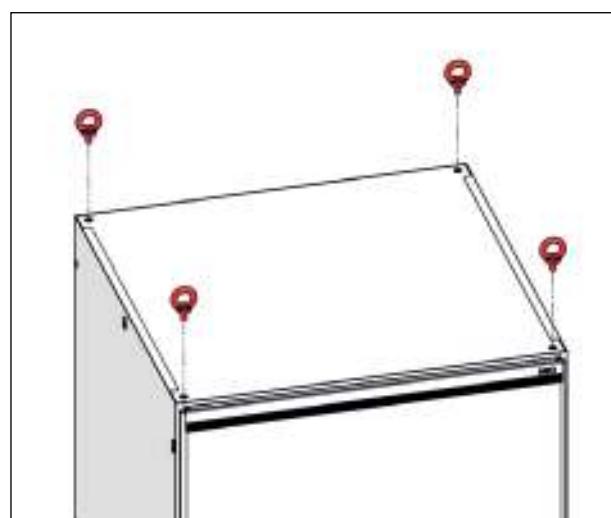
SIZES and MODELS (DISASSEMBLED)



STEP 8 - BAYING KIT



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.

NEO MODULAR SERIES

SIZES and MODELS (DISASSEMBLED)

| ENCLOSURE DEPTH 500 mm (D) | | Height 1200 mm | |
|----------------------------|-----------------------------|--------------------|--------------------|
| 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 | |
|----------------------------|-----------------------------|--------------------|--------------------|
| 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 | | | |
|------------------------|-----------------------------|--------------------|--------------------|---------------------|---------------------|
| 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 | | | |
|----------------------------|-----------------------------|-----------------|-----------------|------------------|------------------|
| 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 | | | |
|----------------------------|-----------------------------|-----------------|-----------------|------------------|------------------|
| 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 | | | | | |
|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| 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 |

NEO MODULAR SERIES

SIZES and MODELS (DISASSEMBLED)

| ENCLOSURE DEPTH 500 mm | | Height 2000 mm | | | | | |
|------------------------|-----------------------------|--------------------|-----------------|-----------------|-----------------|------------------|------------------|
| Step | Product Description | ENCLOSURE WIDTH mm | | | | | |
| | | 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 | | | | | |
|------------------------|-----------------------------|--------------------|-----------------|-----------------|-----------------|------------------|------------------|
| Step | Product Description | ENCLOSURE WIDTH mm | | | | | |
| | | 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 | | | | | |
|------------------------|-----------------------------|--------------------|-----------------|-----------------|-----------------|------------------|------------------|
| Step | Product Description | ENCLOSURE WIDTH mm | | | | | |
| | | 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 (DISASSEMBLED)

| 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**

NEO MODULAR SERIES

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.

SIZES and MODELS (ASSEMBLED)

| Height 2000 mm | | SOLID 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 |
| 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 | 677.206.111 | 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.

NEO MONOBLOCK SERIES



NEMA 4

C3
CLASS

cUL us

IEC

DEKRA



FLOORSTANDING CABINET



FRAME STRUCTURE



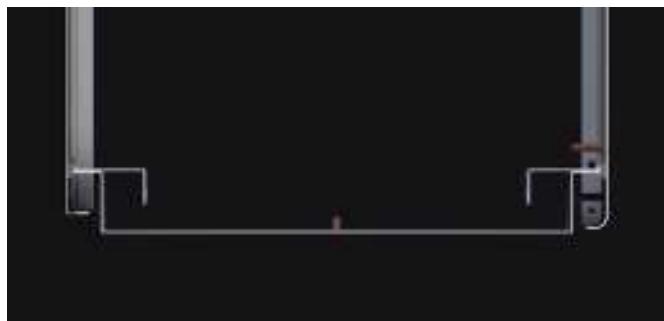
- Fully welded frame made from 1.5 mm material
- Semi-closed height and width profiles
- Fully closed and fixed sides

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 and +100°C

NEO MONOBLOCK SERIES



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

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: 161

Fixing Wall Rail Pg: 161



Other Accessories pg: 154

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.

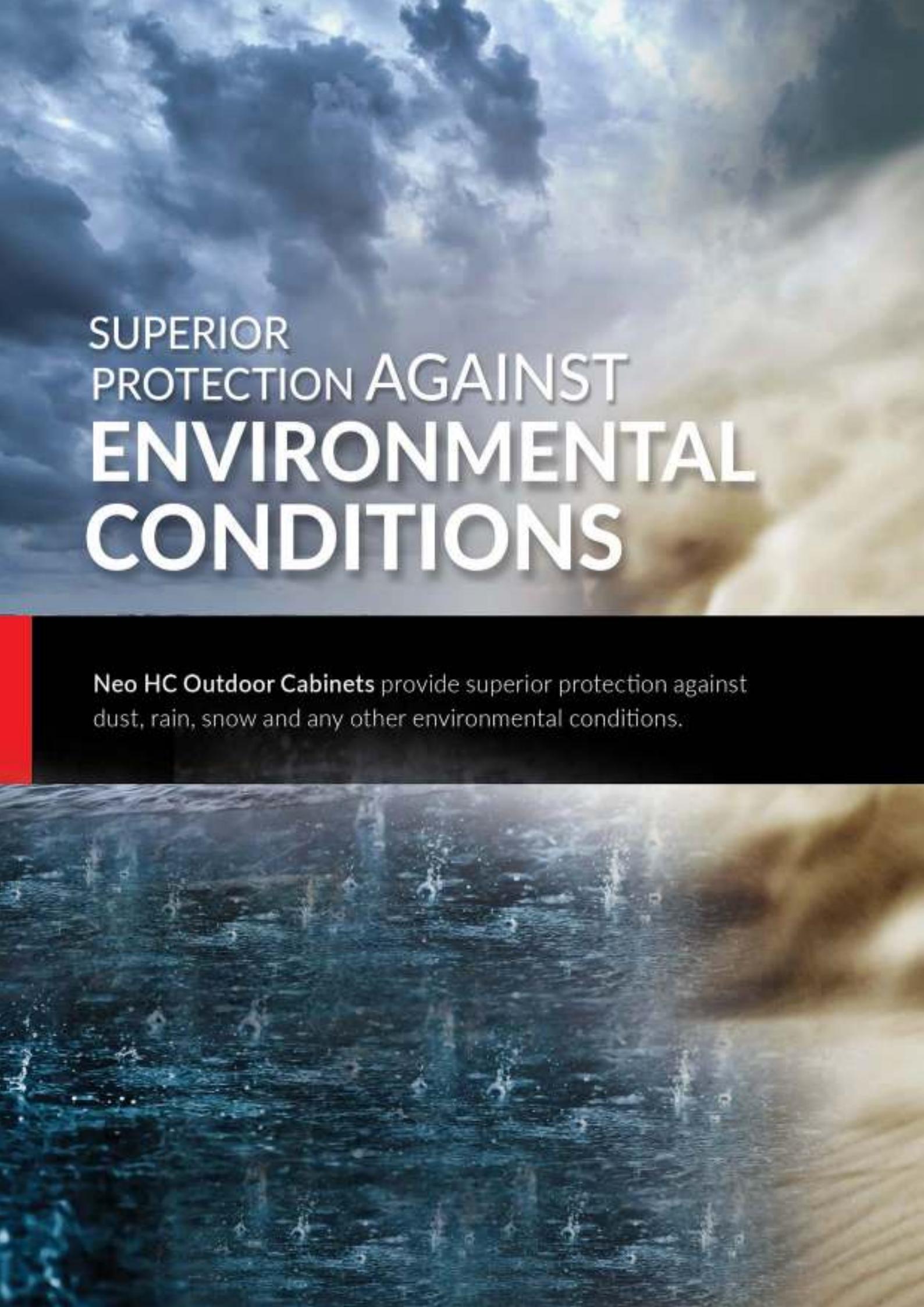


| | |
|------------------------|--|
| Material | : Enclosure body, gland plate: 1,50mm Galvanized steel + RAL 7035 Powder Coating Front door : 1,50mm sheet steel + RAL 7035 Powder coating Rear Panel : 1,20mm sheet steel + RAL 7035 Powder Coating |
| IP Rate | : IEC EN 60529 Double Door IP54 |
| Supply 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



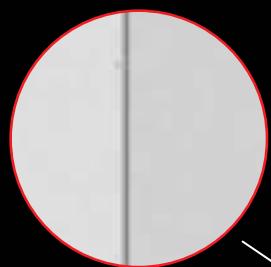
ENERGY DISTRIBUTION



AUTOMATION



NEO HC OUTDOOR MODULAR SERIES



Rear Panel

Protected against vandalism, with internal safety lock



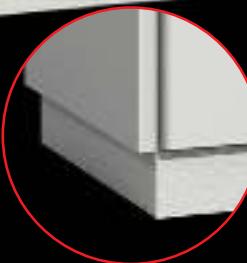
Lock

4 point locking system



Roof

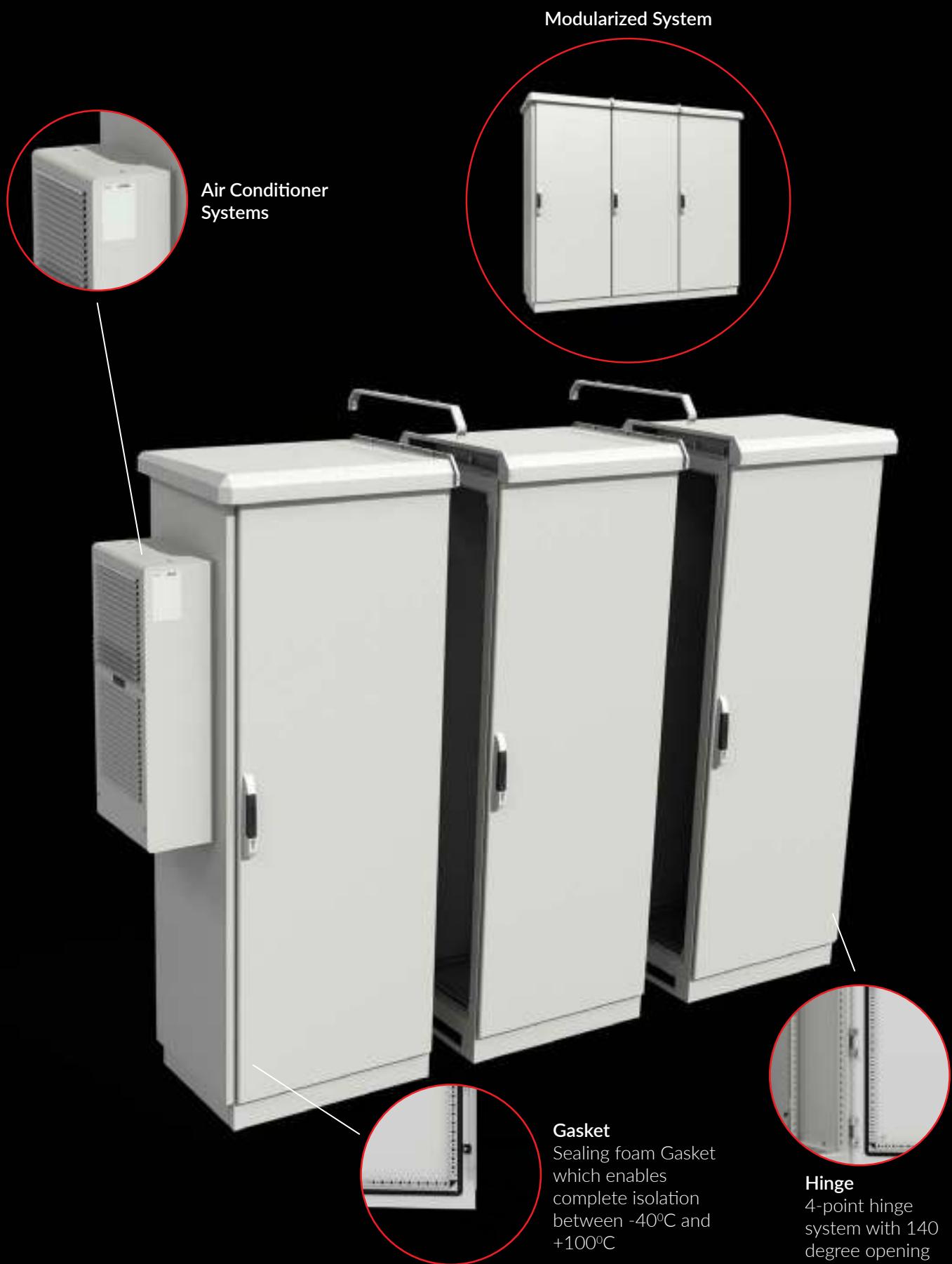
IP55 protection, extendable, curved system designed against rain and wind resistance



Plinth

The Plinth system can be fixed for panel combinations, avoid external intervention and protects cable systems

NEO HC OUTDOOR MODULAR SERIES



NEO HC OUTDOOR MODULAR SERIES

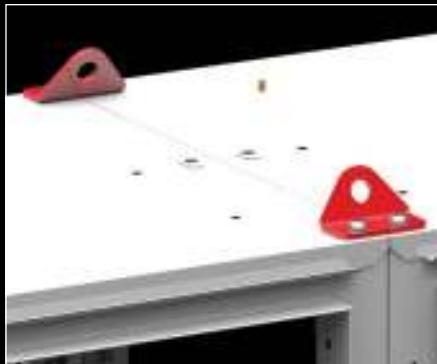


| | |
|-----------------|--|
| Material | : Main Body: 1,5mm Galvanized, Front Door: 1,5mm Mild Steel, Top / Rear Panel: 1-1,2mm Mild Steel, Side Panel: 1,5mm Galvanized, Roof: 1,5mm Galvanized + RAL 7035 |
| Surface Process | : Iron-Phosphate + Electrostatic Powder Coating |
| IP Rate | : IEC and EN 60529 Single Door - 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 Openable Hinged, Rear Panel; Screwed and Secure, Top Cover, Bottom Cover |

ACCESSORIES:

Roof pg: 149

Baying Kit Pg: 160



Other Accessories pg: 154

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

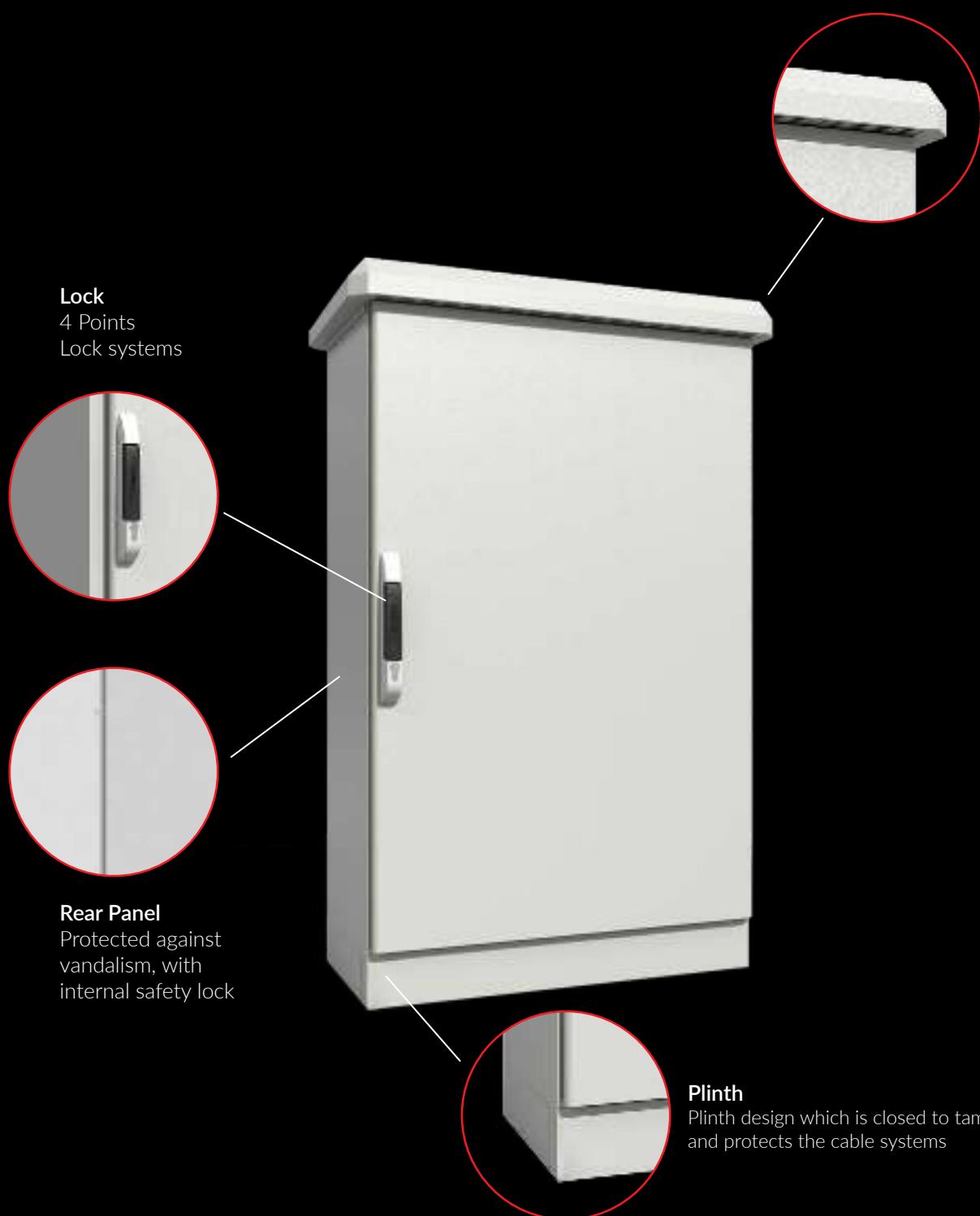
NOTE The side panel codes include a pair of panels.

Technical Drawings Page. 279-282

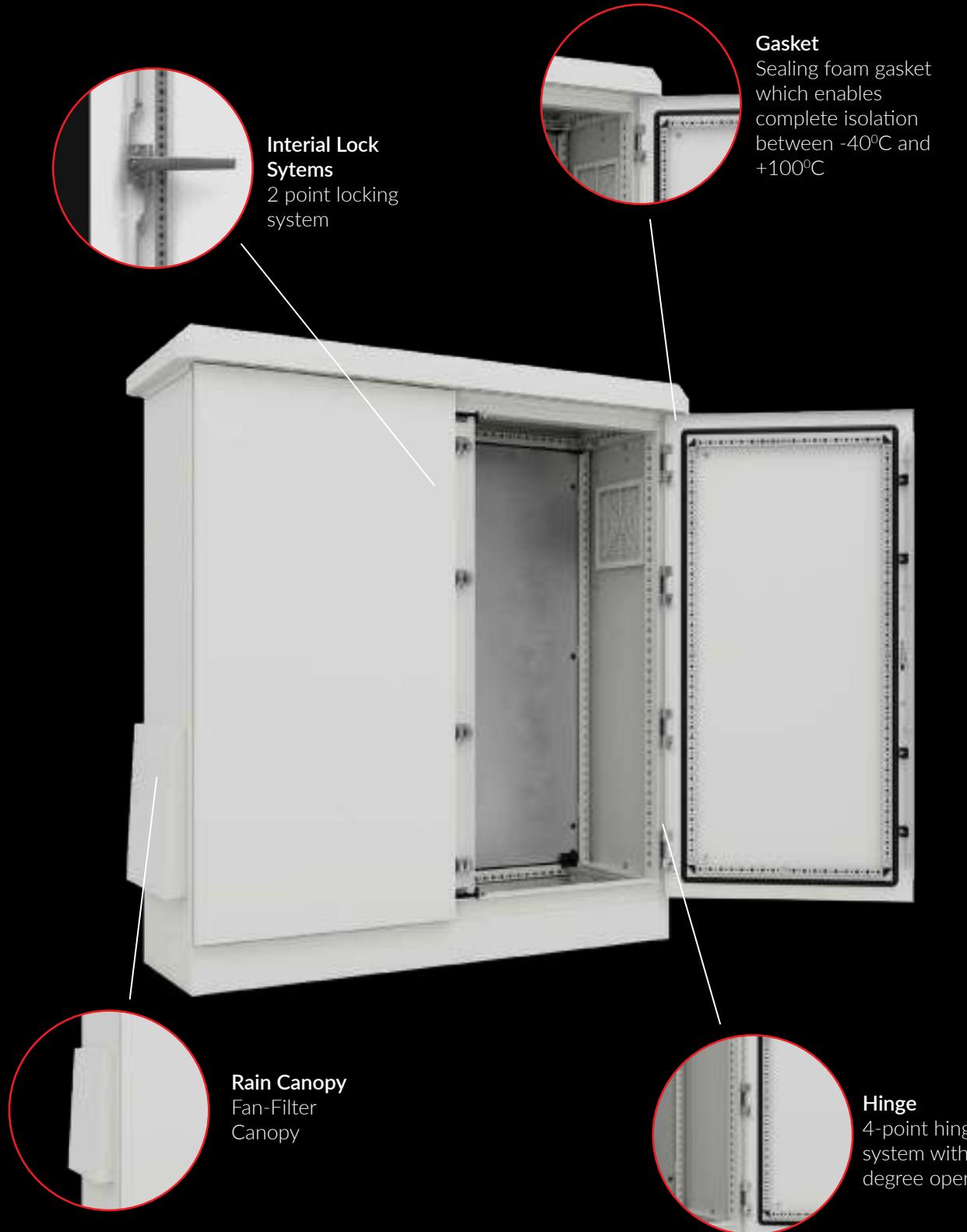
REQUIRED Filter size is 250x250mm on side panels with filter cut outs.
Filter and Fan Filter Page 46

Baying Kit for panel assembly P. 160

NEO HC OUTDOOR MONOBLOCK SERIES



NEO HC OUTDOOR MONOBLOCK SERIES



NEO HC OUTDOOR MONOBLOCK SERIES



| | |
|------------------------|--|
| Material | : Main Body: 1.5mm Galvanized Steel, Roof: 1.5mm Galvanized Steel, Front Door: 1.5mm Mild Steel, Rear Panel: 1-1.2mm Mild Steel, |
| Surface Process | : Iron-phosphate + 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 |

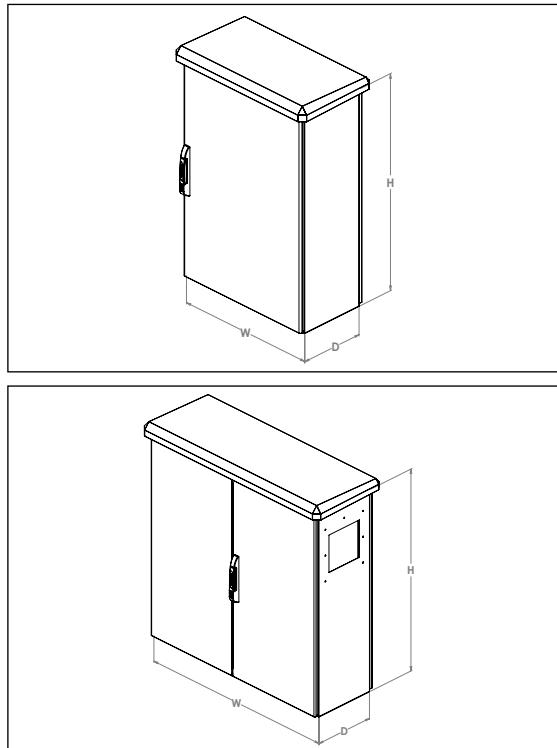
ACCESSORIES:

Plinth pg: 157



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) | | |
| 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* |
| 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* |

* Internal Lock Systems

NOTE Filter Cut Out 250x250 mm

NOTE Technical Drawings P. 275-278

REQUIRED Filter / Fan P. 236-237

PLINTH CORNER PART



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

Related size : PLINTH HEIGHT

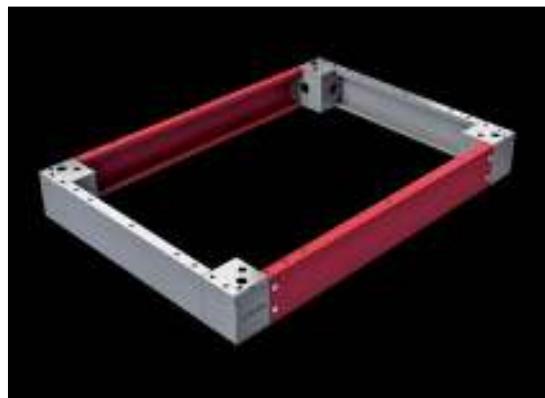
Material : Corner part : 2,00 mm galvanized steel +
RAL 7012 powder-coating
Plastic Panel : RAL 7012 ABS Plastic

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

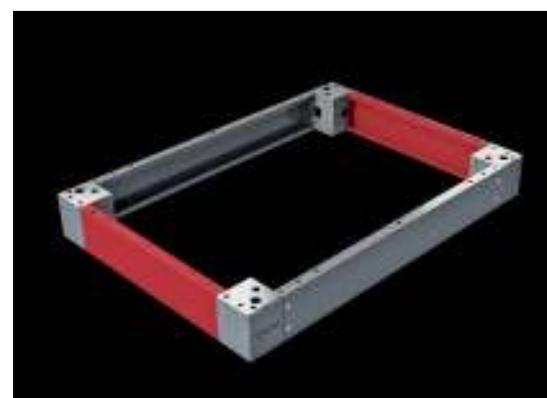
Material : 100 mm front plinth part:
1,50 mm galvanized steel + RAL 7012 powder-coating

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

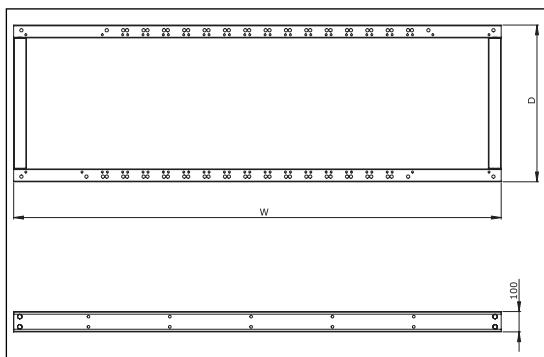
Supply Includes : 2 pcs 100 mm front plinth part and
mounting parts

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 |

PLINTH and PLINTH PARTS

FIXED PLINTH



M12 LEVELING FEET



Relevance : TEOS, NEO Modular

Material : 3,00 mm / galvanized steel + RAL 7012 coating

Supply Includes : Plinth width : 2 pcs plinth and combination parts.
Plinth depth : 2 pcs plinth and combination parts.

REQUIRED : It is required M12x30 screw set for fixing (page 259)

- Mounts the enclosures combined side-to-side on a single platform.
- Enclosures are connected to the plinth via M12 perforations placed on the combination corners.
- It gives advantages in the lifting and forklift.
- Enclosures can be mounted directly on the (standard) plinth.
- Please refer to our sales department for the manufacturing schedule.

| PRODUCT CODE | PLINTH WIDHT (mm) | PRODUCT CODE | PLINTH WIDHT (mm) |
|--------------|-------------------|--------------|-------------------|
| 912.100 | 1800 | 912.111 | 2900 |
| 912.101 | 1900 | 912.112 | 3000 |
| 912.102 | 2000 | 912.113 | 3100 |
| 912.103 | 2100 | 912.114 | 3200 |
| 912.104 | 2200 | 912.115 | 3300 |
| 912.105 | 2300 | 912.116 | 3400 |
| 912.106 | 2400 | 912.117 | 3500 |
| 912.107 | 2500 | 912.118 | 3600 |
| 912.108 | 2600 | 912.119 | 3700 |
| 912.109 | 2700 | 912.120 | 3800 |
| 912.110 | 2800 | 912.121 | 3900 |

| PRODUCT CODE | PLINTH WIDHT (mm) | PRODUCT CODE | PLINTH WIDHT (mm) |
|--------------|-------------------|--------------|-------------------|
| 912.133 | 400 | 912.122 | 4000 |
| 912.134 | 500 | 912.123 | 4100 |
| 912.135 | 600 | 912.124 | 4200 |
| 912.136 | 800 | 912.125 | 4300 |
| | | 912.126 | 4400 |
| | | 912.127 | 4500 |
| | | 912.128 | 4600 |
| | | 912.129 | 4700 |
| | | 912.130 | 4800 |
| | | 912.131 | 4900 |
| | | 912.132 | 5000 |

Relevance : TEOS, NEO Modular, NEO Monoblock

Supply Includes : 4 pcs M12 Leveling Feet

Product code : 995.510

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

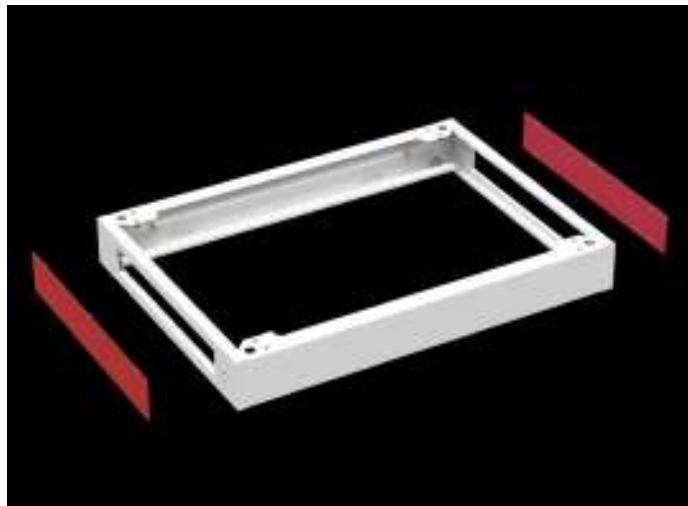
Easy movement apparatus on the ground

PLINTH mounting bolt equipment

Product Description The ability of fixing plinths to each other in process of combining enclosures.

| PRODUCT CODE | | ENCLOSURE DIMENSIONS |
|--------------|---------|----------------------|
| 100 H | 200 H | |
| 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 |

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 GLANT PLATE



Material 1,5mm Galvanized

Supply Includes 1 Pcs 55mm / 100mm width glant 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) | 100 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 |

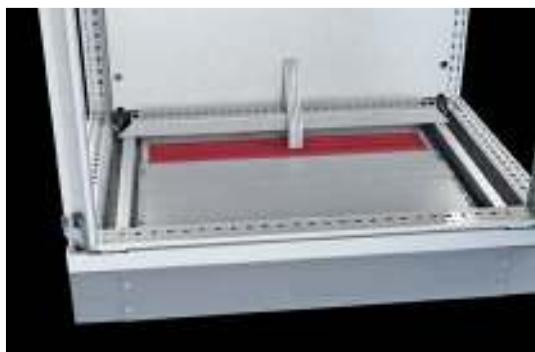
FOAM RUBBER CABLE ENTRY SYSTEM



| | |
|-----------------|--|
| 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* |

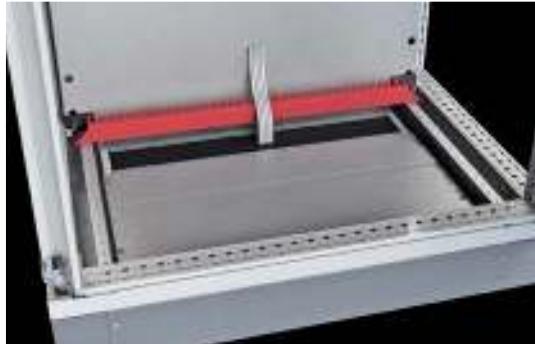
BRUSHED CABLE ENTRY SYSTEM



| | |
|-----------------|---|
| 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)

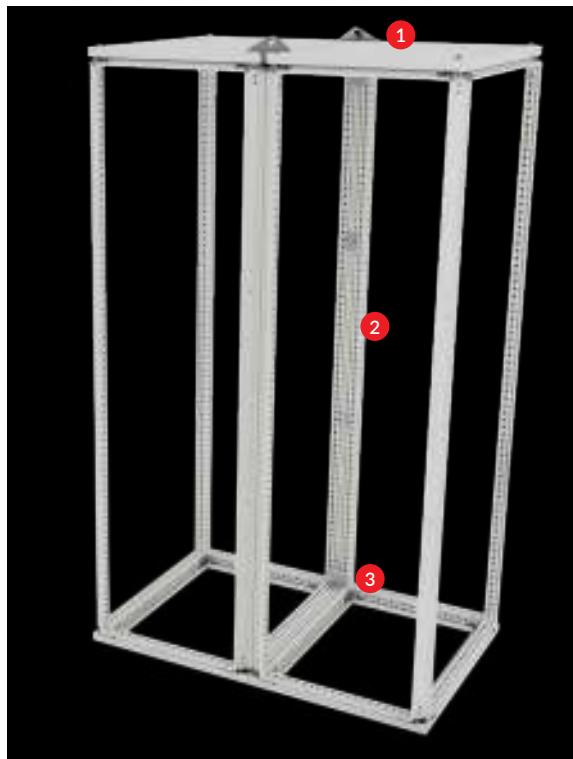


| | |
|-----------------|---|
| Relevance | : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock |
| Related size | : ENCLOSURE WIDTH |
| Material | : 2,00 mm mild steel + zinc-plating |
| Supply Includes | : Cable bracket combination profile and combination parts. |

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

ASSEMBLING and LIFTING PARTS

BAYING KIT

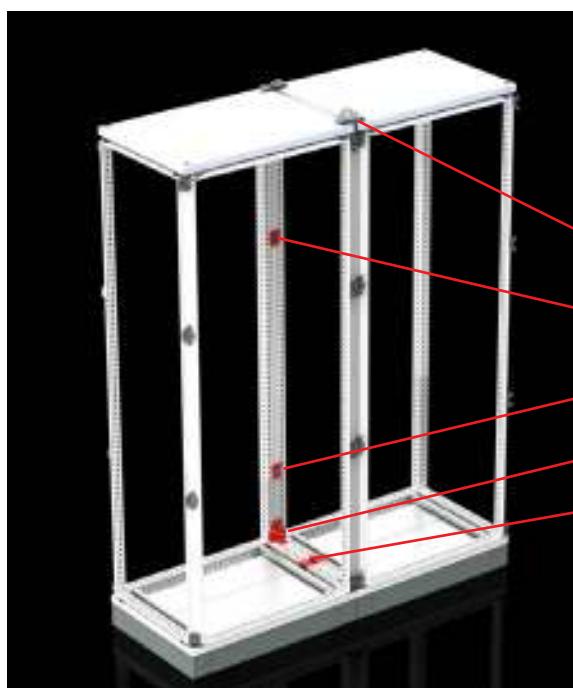
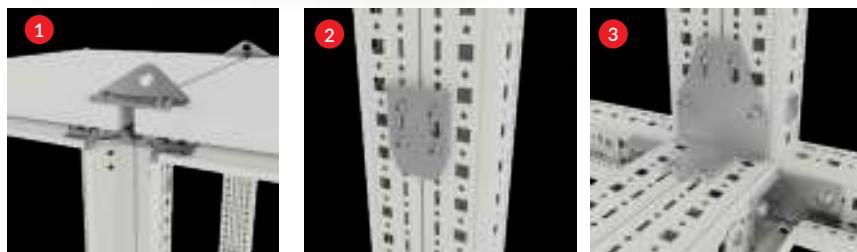


Relevance : TEOS

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)

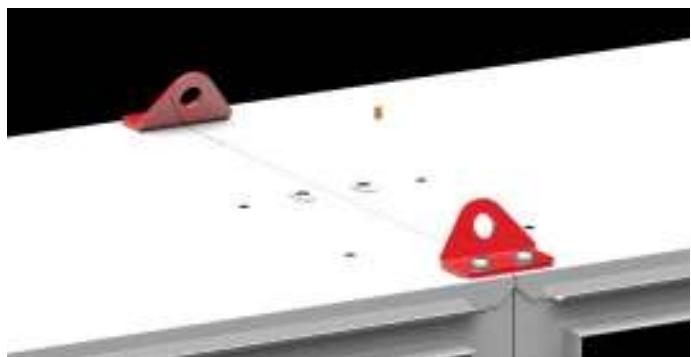
4-) 2x adjustable bracket. Product Code: **711.004** (2 pcs)

5-) 5,60 m 10x3 gasket. Product Code: **992.100** (page 205)

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 |



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

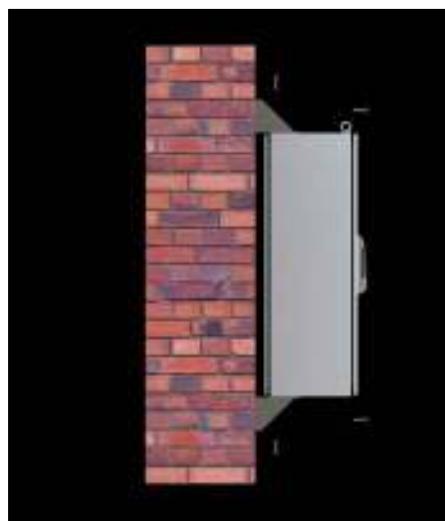
FIXING WALL RAIL



Relevance : NEO Monoblock
Material : 4,00 mm mild steel + RAL 7035 powder coating
Supply Includes : 2 pcs rail and assembling parts

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

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



ASSEMBLY SUPPORT PRODUCTS



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 |

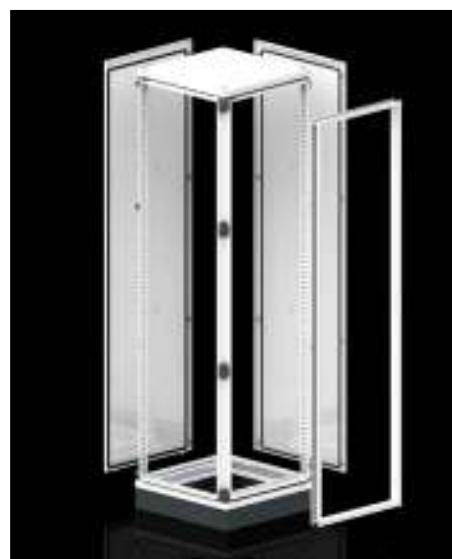


CORNER ENCLOSURE

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.

| ADAPTER PART | PRODUCT CODE | ENCLOSURE DIMENSION | |
|-------------------|--------------|---------------------|------------|
| | | Height (mm) | Depth (mm) |
| | 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 PLATE (3 mm thickness)



Material:
3,00 mm galvanized steel

Supply Includes :
1 pcs mounting plate and assembling parts

| Width (mm) | Height (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 PLATES (2 mm thickness)



Material:
2,00 mm galvanized steel

Supply Includes :
1 pcs mounting plate and assembling parts

| Width (mm) | Height (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 |

MOUNTING RAIL and MOUNTING PLATE



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 |



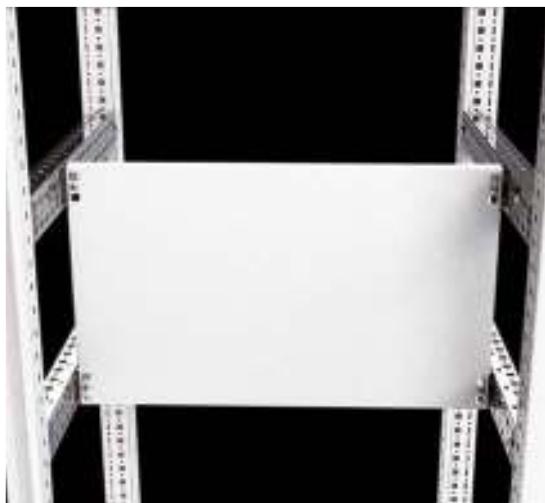
SHORT MOUNTING PLATE APPLICATION

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 167-169 for related products.
- Please see page 210-231 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

MOUNTING RAIL and MOUNTING PLATE



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. Page 96

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



Application on MCCB kit, page 172

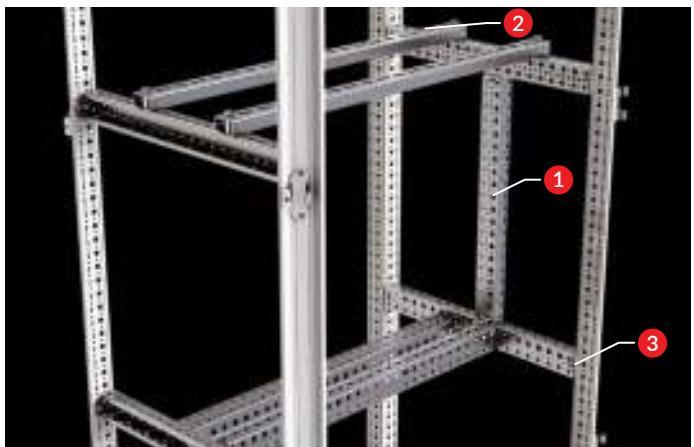


Application on enclosure frame

| 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 |

ASSEMBLY SUPPORT PRODUCTS

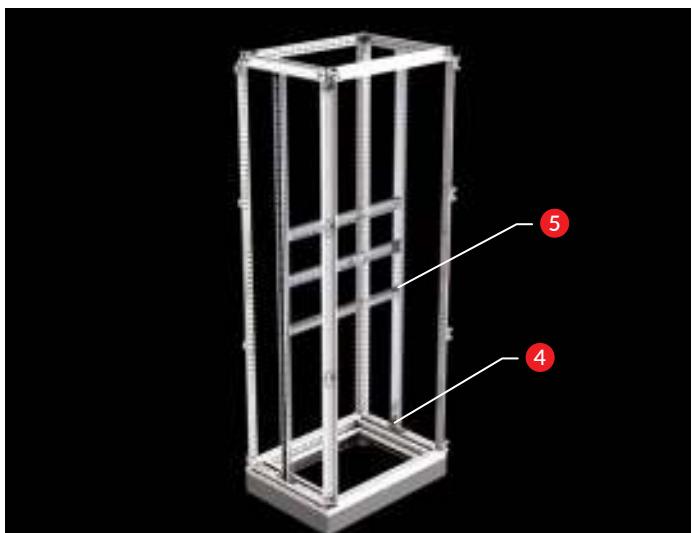
MOUNTING RAIL and MOUNTING PLATE



① SCISSILE RAIL (P. 167)



② HEAVY EQUIPMENT PROFILE (P. 168)



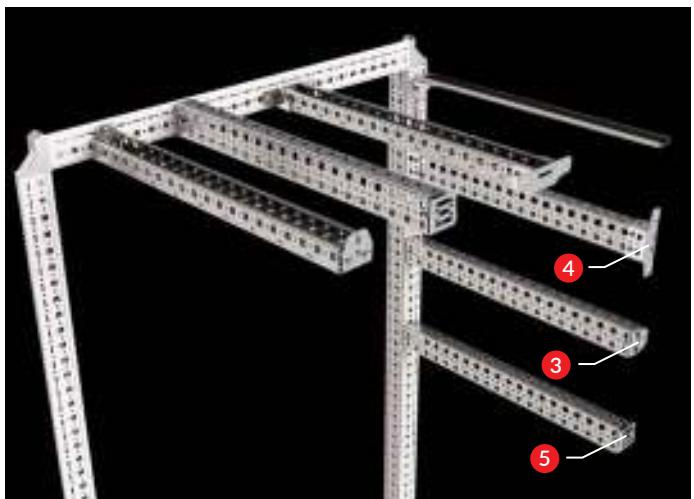
③ PLUG IN RAIL BRACKET (P. 169)



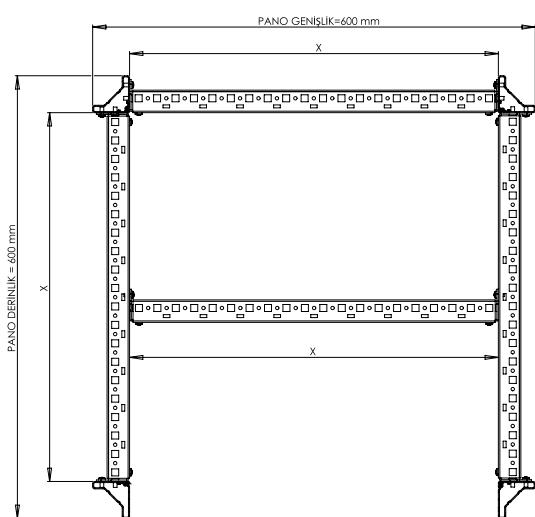
④ ADJUSTABLE RAIL BRACET (P. 170)



⑤ ADJUSTABLE RAIL BRACET (P. 171)

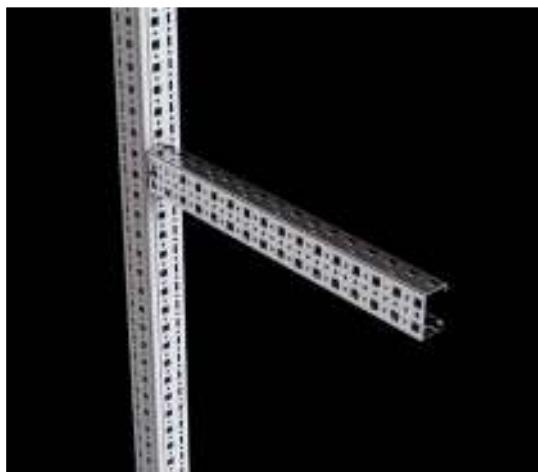


In terms of both width and interior depth size, TEOS body structure is designed at the same coefficient rate. The complete structure inside the body is designed at the 25mm coefficient. Thus, the width rail can also be installed on the depth rail.

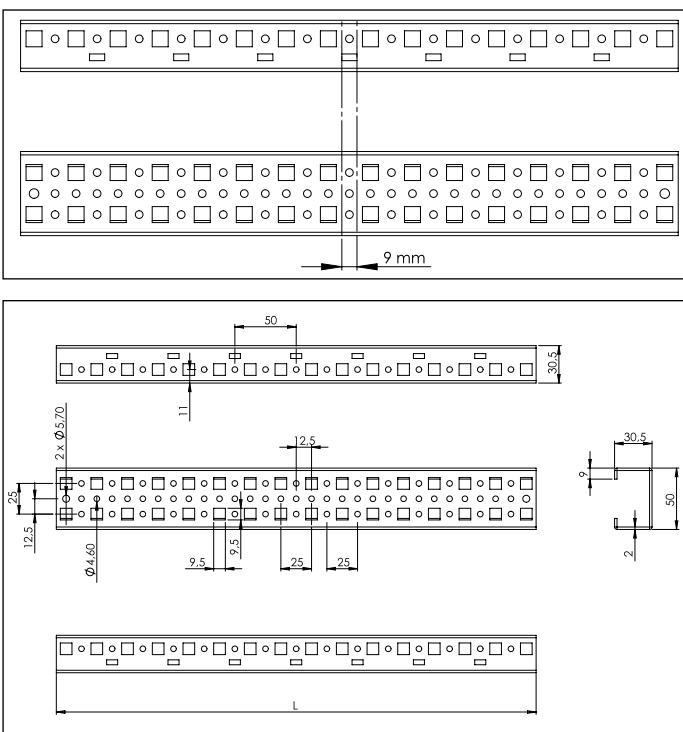


MOUNTING RAIL and MOUNTING PLATE

SCISSILE RAIL SYSTEM (50x25 cross-section)



Cut -off point



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

Material: 2.00 mm Mild steel + zinc coated

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 169-171

- 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 169-174

| PRODUCT CODE | ENCLOSURE DEPTH (mm) | RAIL NET LENGTH (mm) | PACKS OF |
|--------------|-----------------------|----------------------|----------|
| 944.422 | ENCLOSURE WIDTH(mm) | 400 | 291 |
| 944.423 | ENCLOSURE WIDTH(mm) | 500 | 391 |
| 944.424 | ENCLOSURE WIDTH(mm) | 600 | 491 |
| 944.432 | ENCLOSURE WIDTH(mm) | 700 | 591 |
| 944.425 | ENCLOSURE WIDTH(mm) | 800 | 691 |
| 944.426 | ENCLOSURE WIDTH(mm) | 1000 | 891 |
| 944.427 | ENCLOSURE HEIGHT (mm) | 1200 | 1091 |
| 944.428 | ENCLOSURE HEIGHT (mm) | 1600 | 1491 |
| 944.429 | ENCLOSURE HEIGHT (mm) | 1800 | 1691 |
| 944.430 | ENCLOSURE HEIGHT (mm) | 2000 | 1891 |
| 944.431 | ENCLOSURE HEIGHT (mm) | 2200 | 2091 |

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 LENGTH (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 |

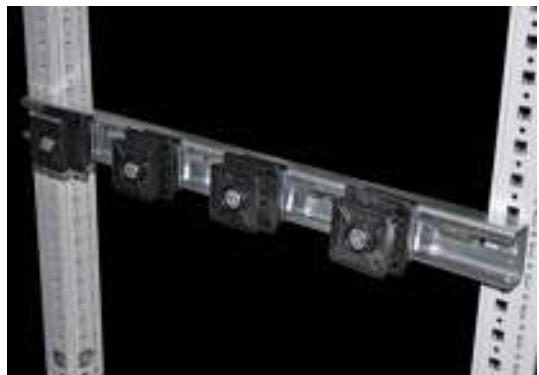


Heavy Equipment application on base

REQUIRED : It is required to fixing on frame, 4 pcs of M6 hide nut.
Page 189



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 189

MOUNTING RAIL and MOUNTING PLATE

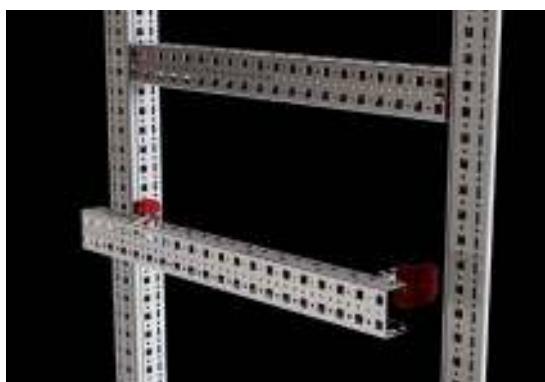
PLUG-IN RAIL BRACKET



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.



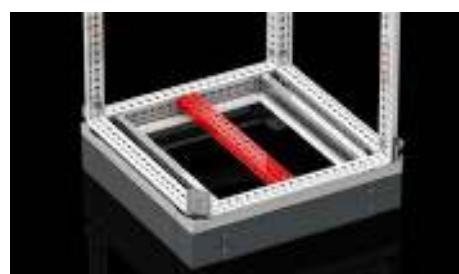
Frame width and depth combination



Vertical frame combination



Frame top combination



Frame bottom combination



Vertical rail combination



Rail width combination (horizontal)



Mounting plate combination

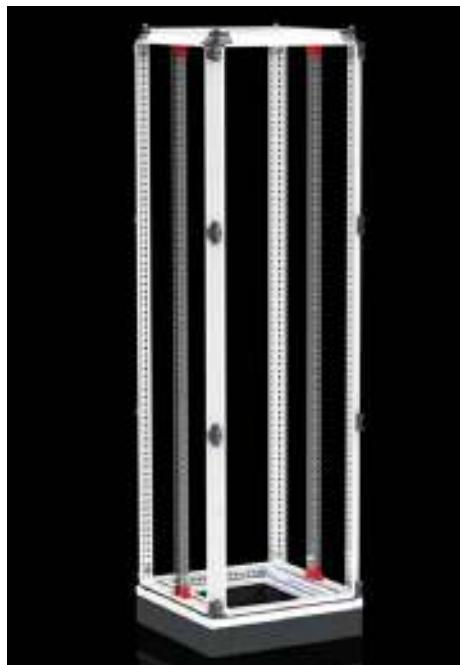
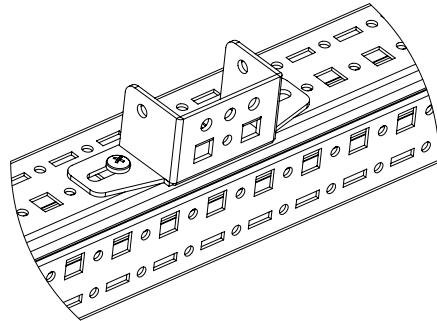
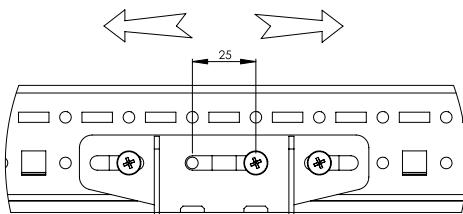
MOUNTING RAIL and MOUNTING PLATE

ADJUSTABLE RAIL BRACKET (TYPE T)

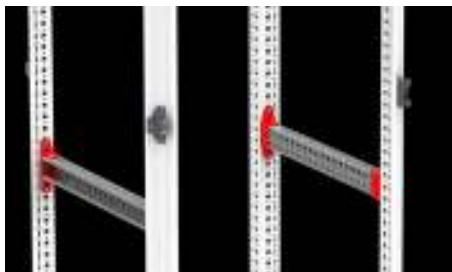


- Relevance** : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,
- Material** : 2 mm mild steel + zinc coated
- Product Code** : 944.433 (4 pcs) (screws included)
- Used for mounting the scissile rail on the enclosure body.
 - Its slot perforations provides the profile with a 25mm 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 213
 - 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



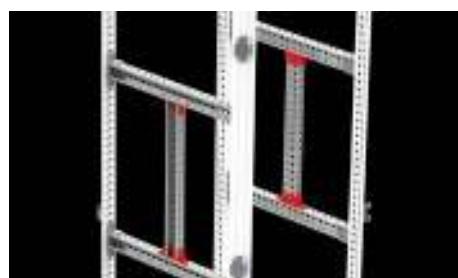
Vertical combination on the frame



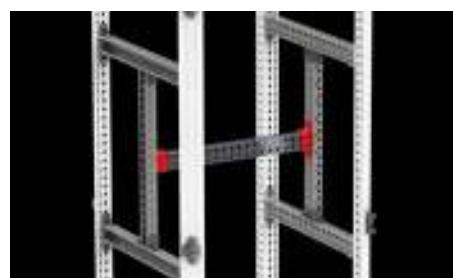
Depth combination on the frame



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)

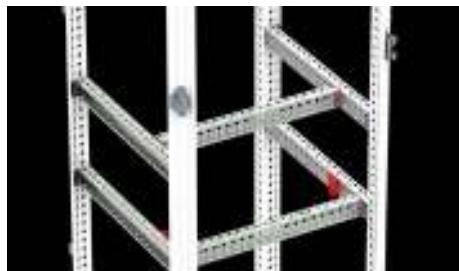
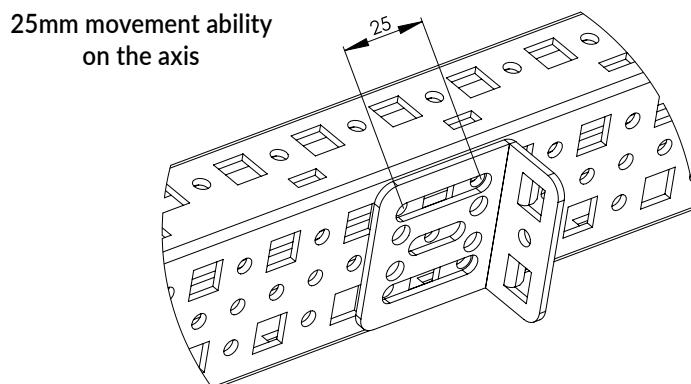


Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock,

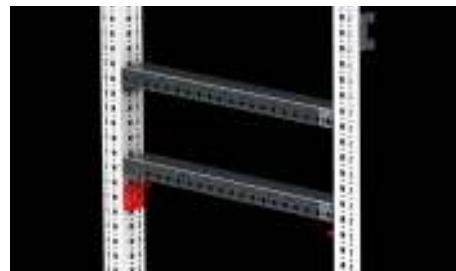
Material : 2 mm mild steel + zinc coated

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 213



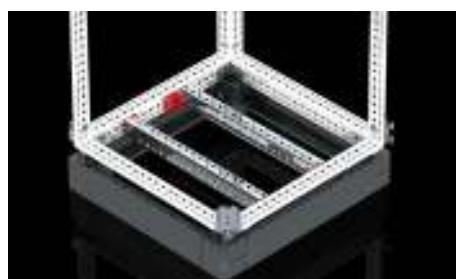
Width combination on the rail



Frame depth combination



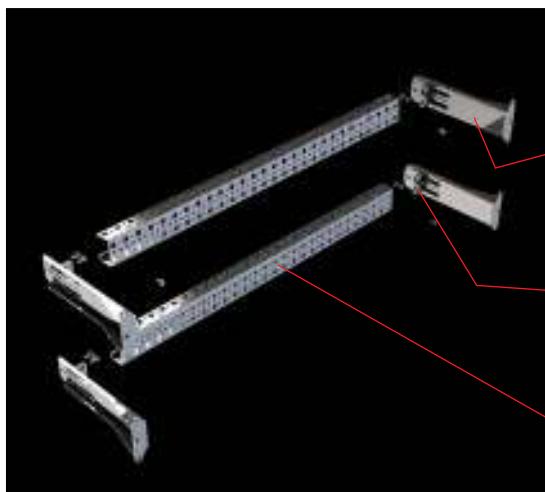
Frame top combination (vertical)



Frame bottom combination (vertical)

MOUNTING RAIL and MOUNTING PLATE

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

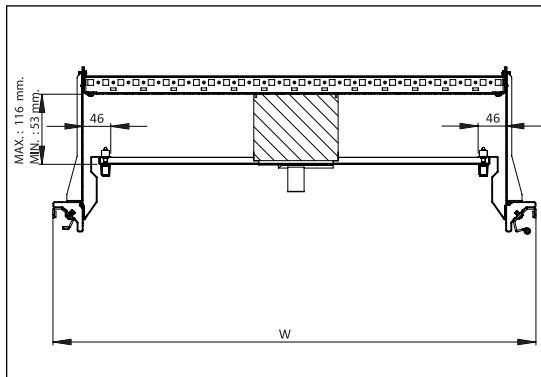
| PRODUCT CODE | ENCLOSURE WIDTH (W) (mm) | RAIL NET LENGTH (mm) | PACKS OF |
|--------------|--------------------------|----------------------|----------|
| 944.422 | 400 | 291 | 2 |
| 944.424 | 600 | 491 | 2 |
| 944.432 | 700 | 591 | 2 |
| 944.425 | 800 | 691 | 2 |



1x Part Mounting Plate

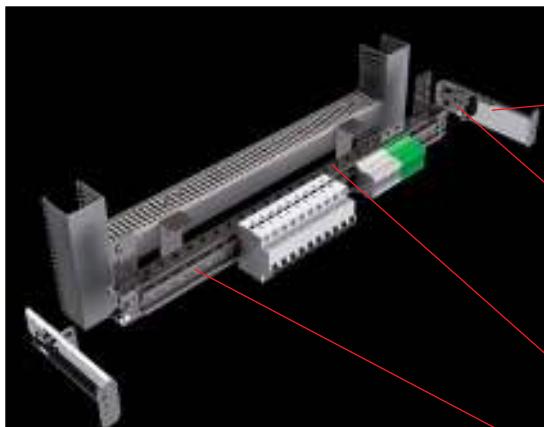


- This is the kit which enables compact MCCB (from lowest upto 630 Amperes) mounting.
- As mounted from the front part of the enclosure, it makes it possible for a copper busbar installation by creating space at the back of the enclosure
- Enables strong mounting with the plug-in rail bracket, and 7,00mm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



MOUNTING RAIL and MOUNTING PLATE

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



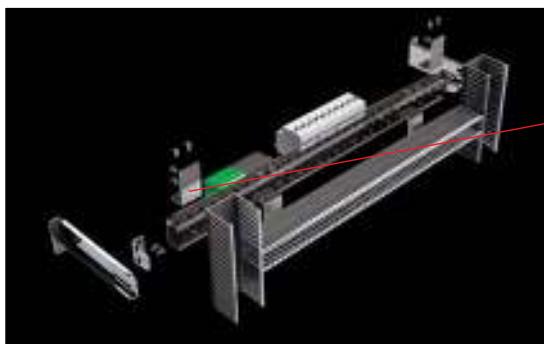
| PRODUCT CODE | ENCLOSURE WIDTH (mm) | RAIL NET LENGTH (mm) | PACKS OF |
|--------------|----------------------|----------------------|----------|
| 944.422 | 400 | 291 | 2 |
| 944.424 | 600 | 491 | 2 |
| 944.432 | 700 | 591 | 2 |
| 944.425 | 800 | 691 | 2 |

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

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

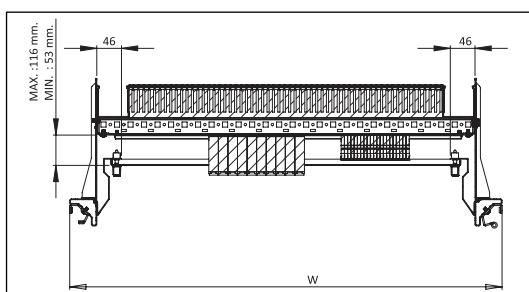
3x duct bracket

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



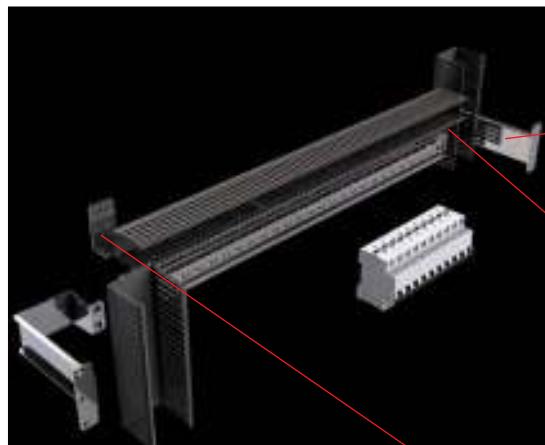
- Mounts MCBs and terminals on the front enclosure panel without depth profiles.
- Enables to connect cable ducts from the rear for MCB mountings and mount a maximum number of MCBs.
- Suitable size: 60x60mm for vertical ducts and 40x60mm for horizontal cable duct layings
- Mounted on the enclosure body, 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 LENGTH (mm) | PACKS OF |
|--------------|----------------------|----------------------|----------|
| 944.439 | 600 | 341 | 1 |
| 944.440 | 700 | 441 | 1 |
| 944.441 | 800 | 541 | 1 |



- 2x duct bracket

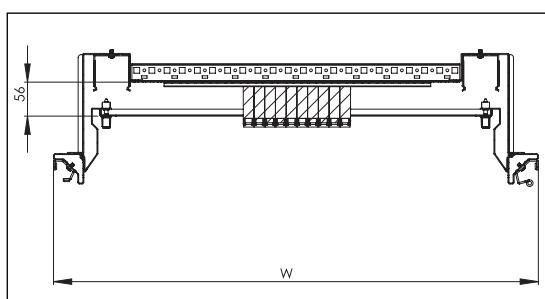
Material : 2 mm mild steel + zinc coated
Product Code : **944.437** (12 pcs.) (Screws included)

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

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

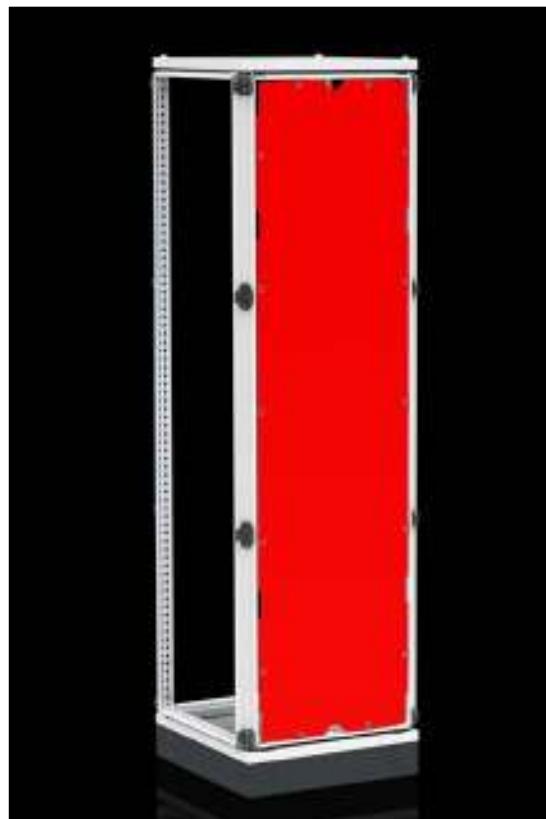
- Mounts the MCBS on the front enclosure body without depth rails.
- Cable ducts can be connected from the front for MCB mountings.
- Suitable size: 60x60mm for vertical cables and 40x60mm for horizontal cable duct layings.
- Maximum number of MCBS on the mounting rail:

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



SHELF and INTERIOR PARTS

DIVIDING PANEL



Relevance : TEOS

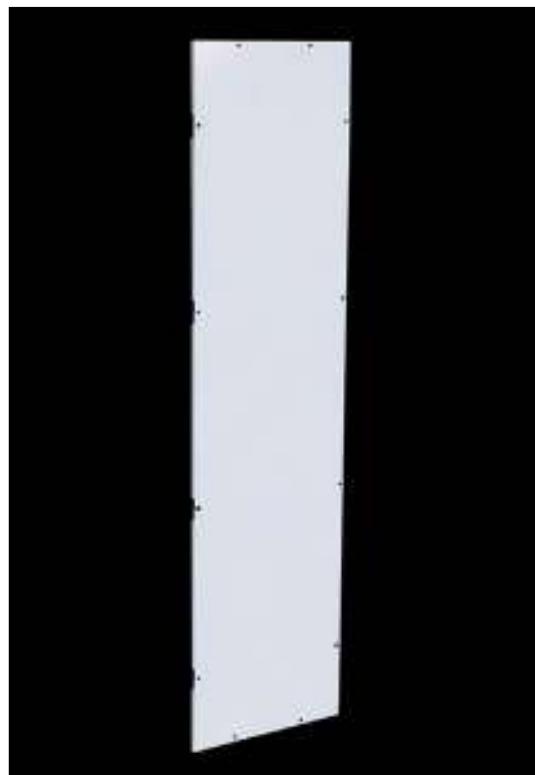
Material : 1,5 mm Galvanised + RAL 7035 coating

Supply Includes : 1 pcs panel and assembling parts.

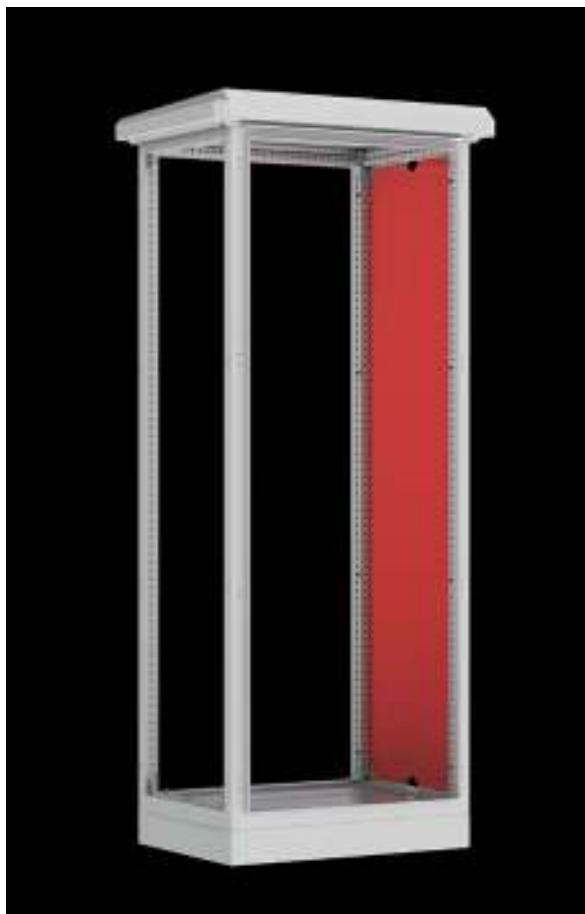
- Used for separating enclosures and mounting applications.

| 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

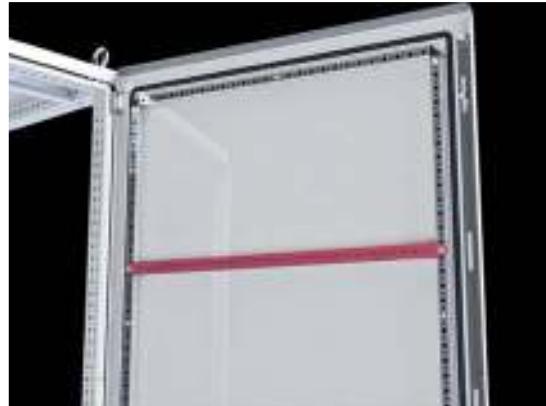
Supply Includes : 1 Pcs panel ve assembly parts

- 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 |

SHELF and INTERIOR PARTS

DOOR RAIL FOR CABLE DUCT



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

Related size : ENCLOSURE WIDTH

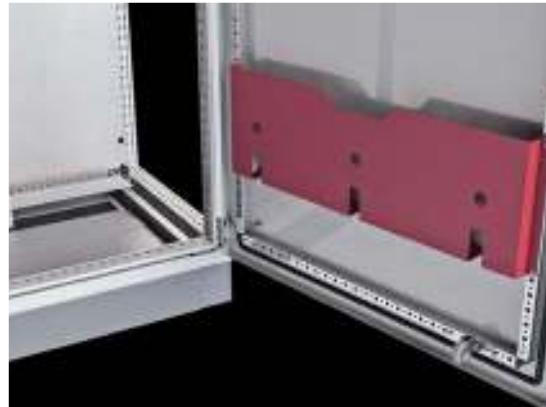
Material : 2,00 mm mild steel + zinc-coated

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

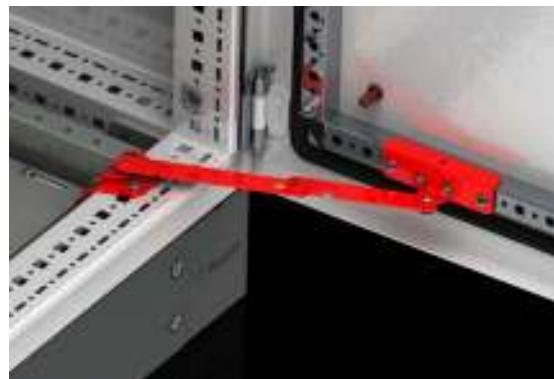
Related size : ENCLOSURE WIDTH

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 |
| 994.718 | 800 double door |
| 994.711 | 1000 single door |
| 994.710 | 1000 double door |
| 994.712 | 1200 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

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

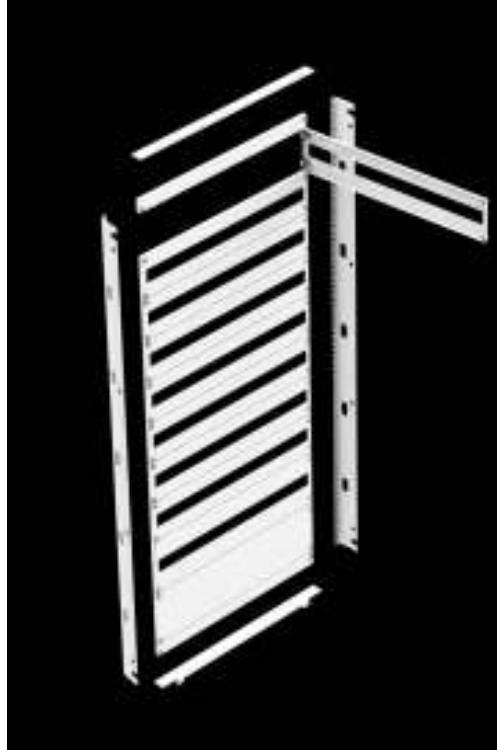
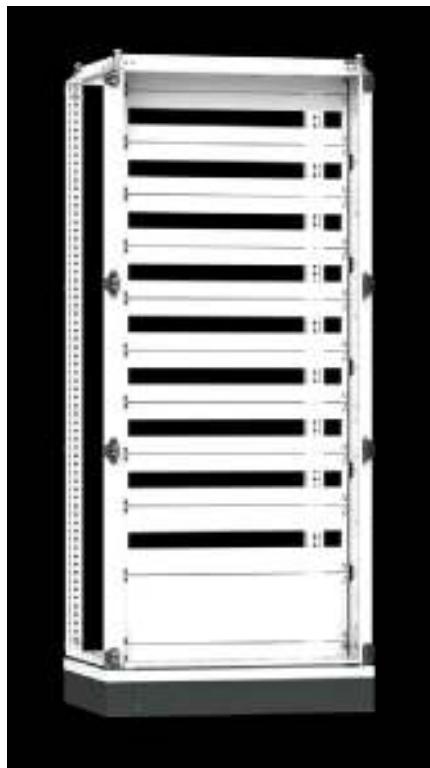


Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock
Material : 2,00 mm mild steel + zinc-coated
Supply Includes : 1 pcs switch bracket and assembling parts
Product Code : 903.300

TEOS AND NEO INTERIOR COVER PLATE SYSTEM

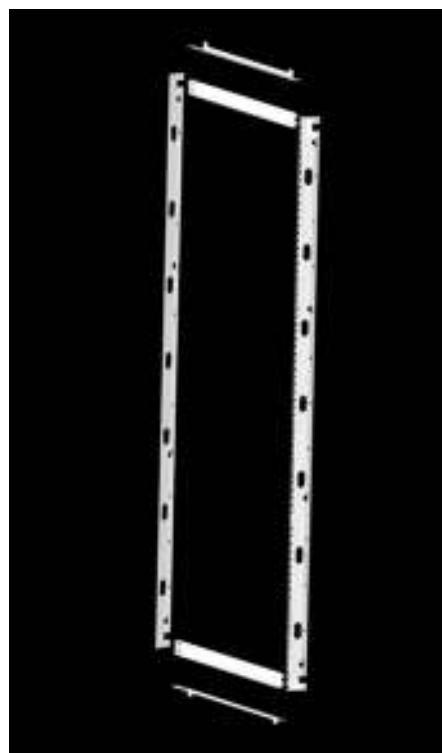


- For covering off the electrical equipment from the front of enclosure
- It is modular structure and can be selected as whole or partly.
- Partial covers are with hinges



INTERIOR COVER PLATE

COVER PLATE FRAME SET



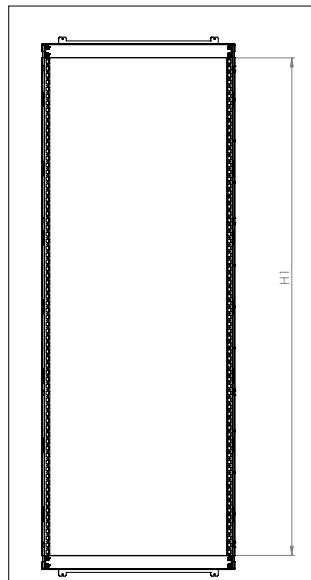
Relevance : TEOS, NEO Modular, NEO Monoblock, NEO HC Modular, NEO HC Monoblock

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 |
| 953.465 | 1000 | 1800 | 1600 |
| 953.466 | 1000 | 2000 | 1800 |



COVER PLATE



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

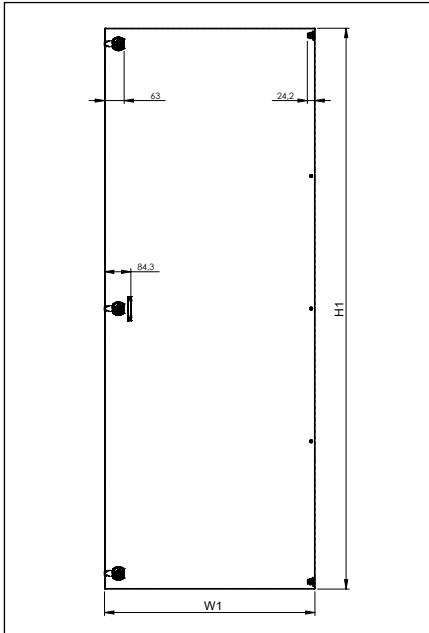
Material : 1,50 mm mild steel + RAL 7035 powder coating

Supply Includes : 1 pcs cover plate and mounting parts

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

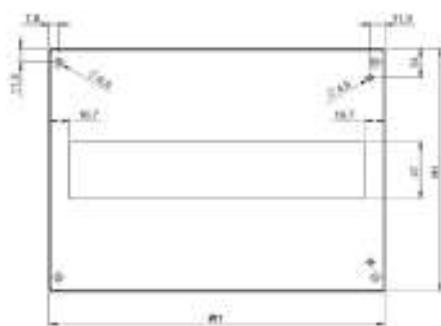
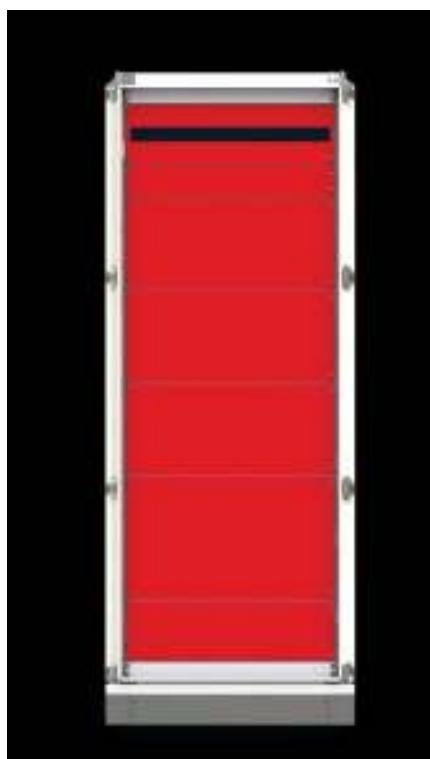
NECESSARY : To fix the interior cover plate, the appropriate interior cover frame set is required for the board size. See page 181

| PRODUCT CODE | ENCLOSURE WIDTH (W) | ENCLOSURE NET HEIGHT (W1) | PLATE NET HEIGHT (H1) | INTERIOR COVER PLATE NET HEIGHT |
|--------------|---------------------|---------------------------|-----------------------|---------------------------------|
| 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



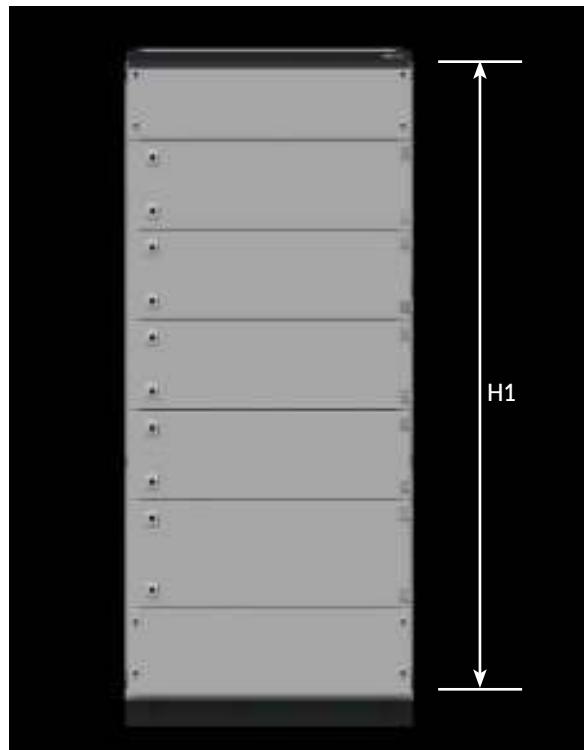
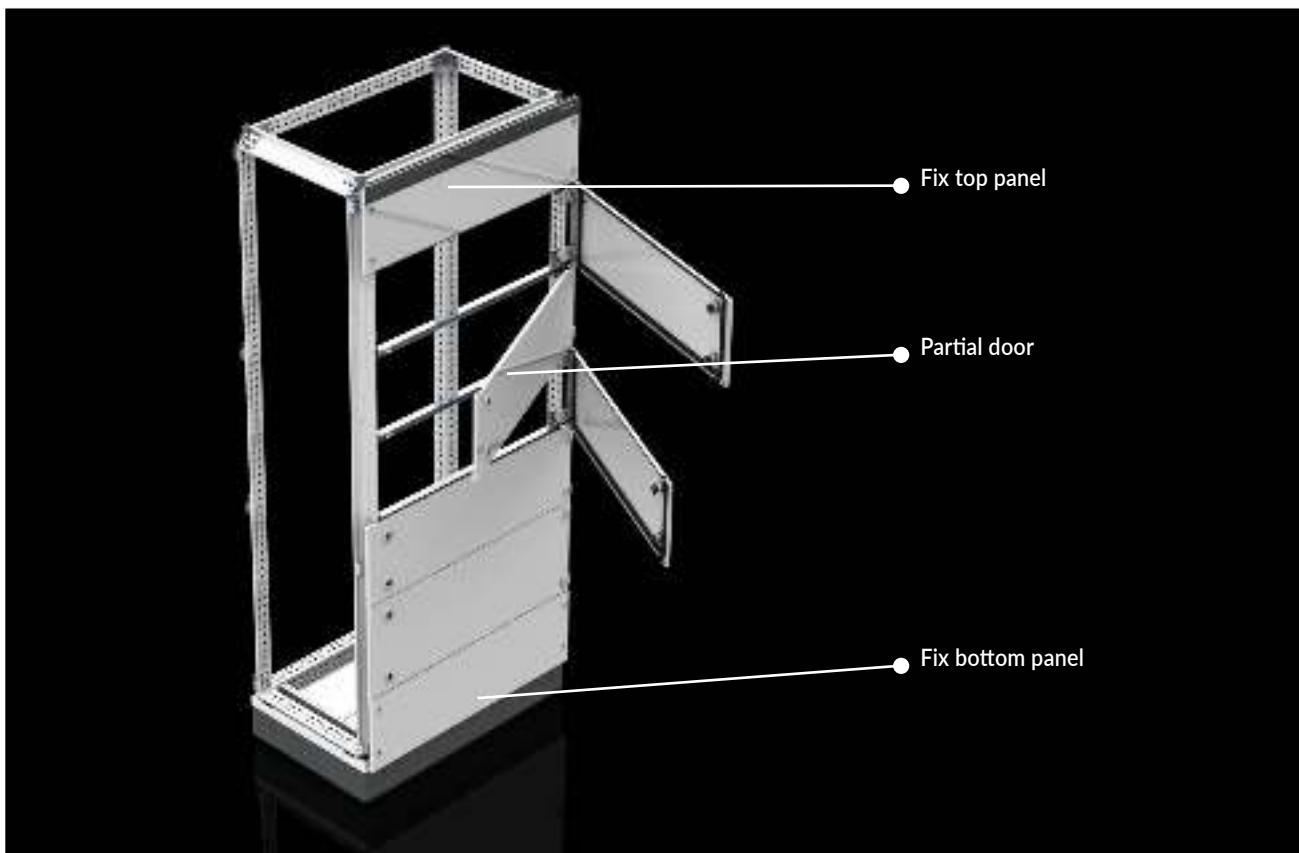
Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock

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 181

| 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 | - |



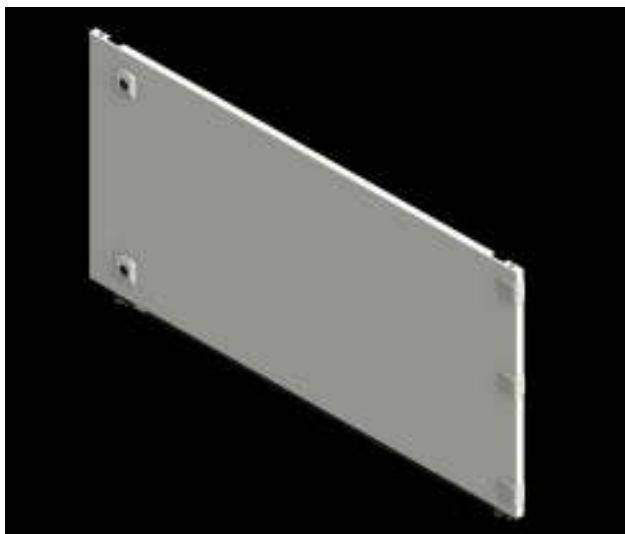
| ENCLOSURE HEIGHT (H) | AVAILABLE NOMINAL HEIGHT (H1) |
|----------------------|-------------------------------|
| 1200 | 1100 |
| 1600 | 1500 |
| 1800 | 1700 |
| 2000 | 1900 |
| 2200 | 2100 |

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)

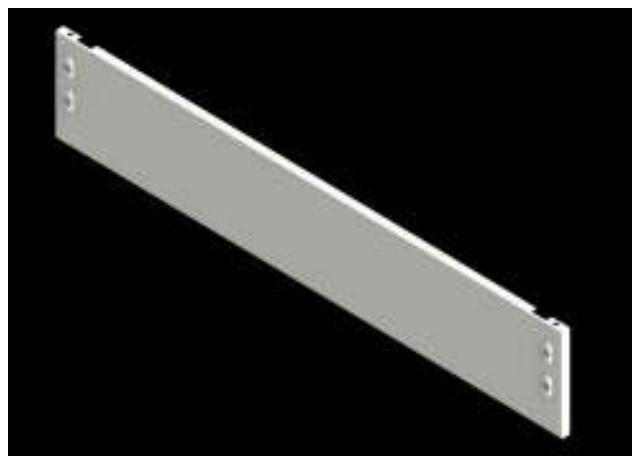


Relevance : TEOS

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)

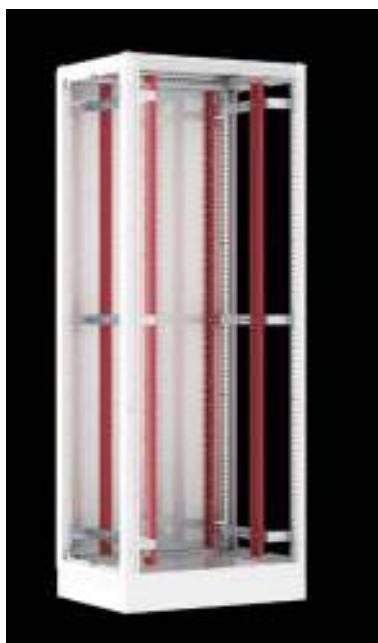


Relevance : TEOS

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" COMBINATION PROFILES

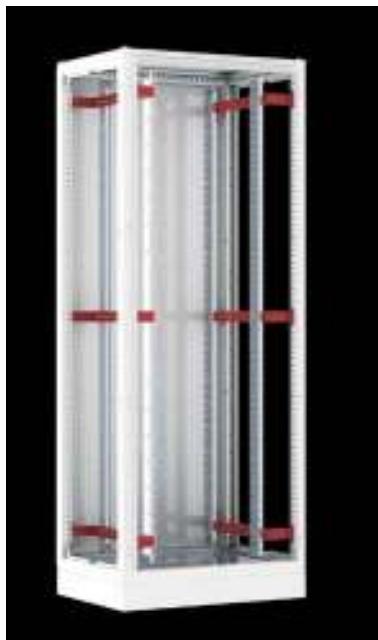
Relevance : TEOS, NEO Modular, NEO Monoblock,
NEO HC Modular, NEO HC Monoblock

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. See page 186

| 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

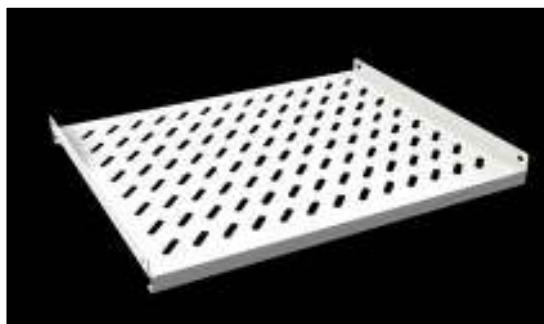
Material : 2,00 mm mild steel + RAL 7035 coating

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

| PRODUCT CODE | ENCLOSURE | | |
|--------------|-----------|------------|--------|
| | 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.



| ENCLOSURE | | |
|------------------------------------|------------|------------|
| PRODUCT CODE | WIDTH (mm) | 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 |



| ENCLOSURE | | |
|-----------------------------------|------------|------------|
| PRODUCT CODE | WIDTH (mm) | 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 |



KNITTED EARTHING CABLE

Material : Copper + tin-plating

Supply Includes : 5 pcs cable and screws

Product Code : **991.201** (10 pcs)
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

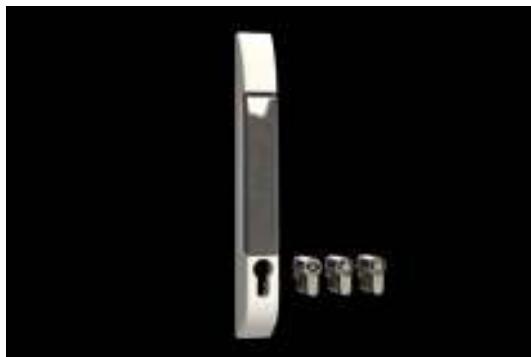
Insert Doublebit 5,00mm : 950.250

Insert Triangle 9,00mm : 950.252

Insert Square 8,00mm : 950.251

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) |





**KMT-1000
CONTROL DESK**

195



**KMT-2000
CONTROL DESK**

196



**KMP-3000
CONTROL DESK**

197



PC CABINET

198



- 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



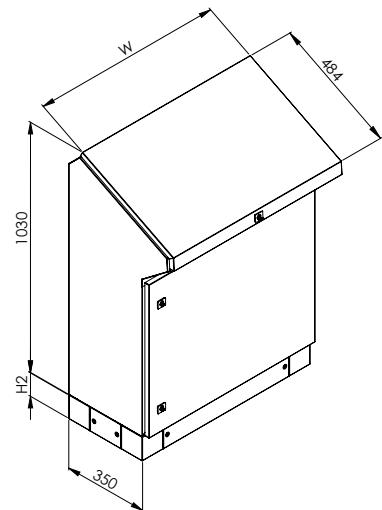
Material : Body, Doors : 1.50 mm Mild Steel + RAL 7035 electrostatic powder coating
 Support plinth corner : 2.00 mm Galvanized steel+RAL 7035 electrostatic powder coating
 Mounting plate : 2.00 mm Galvanized steel

IP Rate : IP 55

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 209 for the stainless steel version.
- Please see page 287 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 |



CONTROL CONSOLES

KMT - 2000 CONTROL DESK



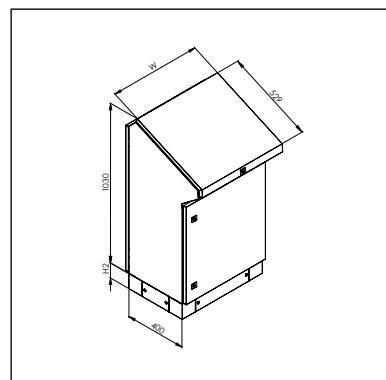
Material : Body, panels : 1,50 mm Mild Steel + RAL 7035 electrostatic powder coating
Support plinth corner : 2,00 mm Galvanized steel+RAL 7035 electrostatic powder coating
Mounting plate : 2,00 mm Galvanized steel

IP Rate : IP 55

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 209 for the stainless steel version.
- Please see page 288 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



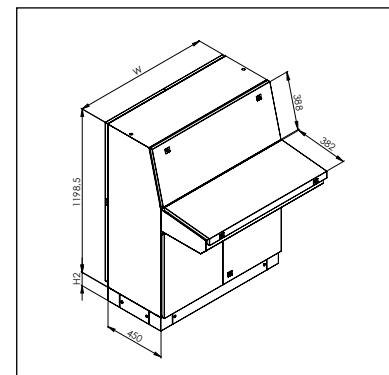
Material : Body, panels : 1,50 mm Mild Steel + RAL7035 electrostatic powder coating
 Support plinth corner : 2,00 mm Galvanized steel + RAL 7035 electrostatic powder coating
 Mounting plate : 2,00 mm Galvanized steel

IP Rate : IP 55

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 289 for technical drawings.

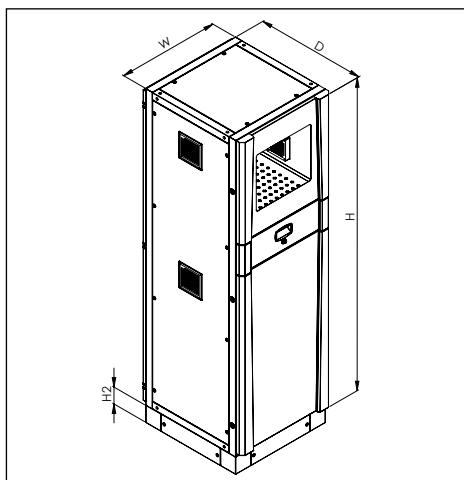
| PRODUCT CODE | ENCLOSURE WIDTH (mm) | DOOR TYPE |
|--------------|----------------------|---------------------|
| 538.450 | 800 | SINGLE FRONT + REAR |
| 530.450 | 1000 | DOUBLE FRONT + REAR |
| 532.450 | 1200 | DOUBLE FRONT + REAR |





- Closed-system keyboard and mouse
- No dust-holding when keyboard and mouse used.
- Please see page 290 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 : IP 55

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

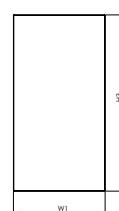
| PRODUCT CODE | PC CABINET WIDTH (W) | PC CABINET DEPTH (D) |
|--------------|----------------------|----------------------|
| 941.306 | 600 | 600 |
| 941.308 | 600 | 800 |



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 |

Enjoy uninterrupted energy
in every area requiring
hygiene and meticulousness
with Tekpan stainless enclosures.





STAINLESS STEEL ENCLOSURES



NATURAL SURFACE APPLICATION

- Standard application
- Standard AISI 304 (1.4031) stainless steel.
- Suitable surface process: 140 grain
- AISI 316 (1.4401) stainless steel can also be used.
- Coating can be applied on material.



KT TERMINAL BOXES

204



DM WALL-MOUNTED ENCLOSURES

205



DT FLOOR STANDING ENCLOSURES

206



KMT CONTROL DESKS

209

KT STAINLESS STEEL TERMINAL BOXES



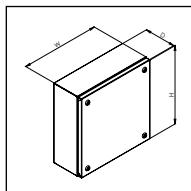
Material : All steel sheets: 1,50 mm quality 304 stainless steel

Surface process : Natural stainless-steel surface application

IP Rate : IP 66

Supply includes : 1 pcs body, 1 pcs screwed lid, 4 pcs wall brackets and assembly parts

- Please contact the customer service for quality 316 steel sheet application or varnish-coated process.
- Please see page 283 for technical drawings.



| ENCLOSURE SIZES | | | | |
|-----------------|------------------------------|----------------|-----------------|----------------|
| PRODUCT CODE | MOUINTING PLATE PRODUCT CODE | WIDTH (W) (mm) | HEIGHT (H) (mm) | DEPTH (D) (mm) |
| 312.212.K | 942.122 | 200 | 200 | 120 |
| 313.212.K | 942.132 | 300 | 200 | 120 |
| 313.312.K | 942.133 | 300 | 300 | 120 |
| 314.212.K | 942.142 | 400 | 200 | 120 |
| 314.312.K | 942.143 | 400 | 300 | 120 |
| 314.412.K | 942.144 | 400 | 400 | 120 |

ACCESSORIES:

Mounting Plate Application



Material : 2.00 mm galvanized steel

Supply includes : 1 pcs mounting plate and assembly parts.

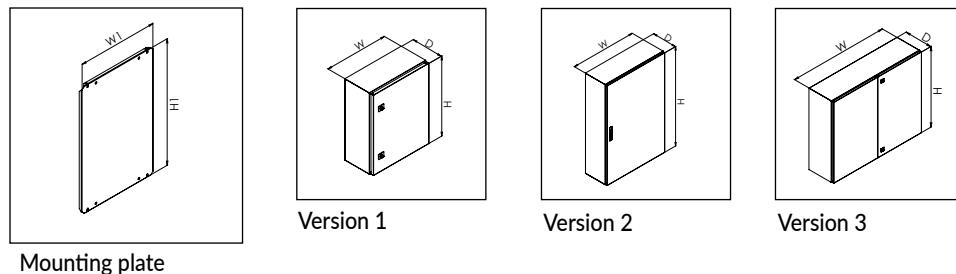
ATTENTION : Mounting plate should be ordered separately as per above table.

DM STAINLESS STEEL WALL-MOUNTED ENCLOSURES



| | |
|------------------------|---|
| Material | : Body: 1,50 mm, 304 stainless steel Door: 1,50 mm-2,00 mm stainless steel Mounting plate: 2,00 mm Galvanized steel |
| Surface process | : Natural stainless steel surface application |
| IP Protection | : Single door: IP 65 Double door: IP54 |
| Supply includes | : 1 pcs body, 1 pcs door, 1 pcs mounting plate, 1 pcs gland plate, 4 pcs stainless steel wall brackets |

- Please see page 284 for technical drawings.
- Please contact the customer service for 316 steel sheet application or varnish-coated surface process.



| PRODUCT CODE | VERSION | LOCK QTY | DM ENCLOSURE SIZES (mm) | | | MOUNTING PLATE | |
|--------------|---------|----------|-------------------------|-----------------|----------------|----------------|------|
| | | | WIDTH (W) (mm) | HEIGHT (H) (mm) | DEPTH (D) (mm) | W1 | H1 |
| 213.415.K | 1 | 1 | 300 | 400 | 150 | 250 | 340 |
| 213.420.K | 1 | 1 | 300 | 400 | 200 | 250 | 340 |
| 214.520.K | 1 | 2 | 400 | 500 | 200 | 350 | 440 |
| 214.620.K | 1 | 2 | 400 | 600 | 200 | 350 | 540 |
| 214.630.K | 1 | 2 | 400 | 600 | 280 | 350 | 540 |
| 215.720.K | 1 | 2 | 500 | 700 | 200 | 450 | 640 |
| 215.730.K | 1 | 2 | 500 | 700 | 280 | 450 | 640 |
| 216.820.K | 1 | 2 | 600 | 800 | 200 | 550 | 740 |
| 216.830.K | 1 | 2 | 600 | 800 | 280 | 550 | 740 |
| 216.030.K | 1 | 2 | 600 | 1000 | 280 | 550 | 940 |
| 216.230.K | 2 | --- | 600 | 1150 | 280 | 550 | 1090 |
| 218.030.K | 1 | 2 | 800 | 1000 | 280 | 750 | 940 |
| 218.230.K | 2 | --- | 800 | 1150 | 280 | 750 | 1090 |
| 210.030.K | 3 | --- | 1000 | 1000 | 280 | 950 | 940 |

STAINLESS STEEL ENCLOSURES

DT FLOOR STANDING STAINLESS STEEL CABINET

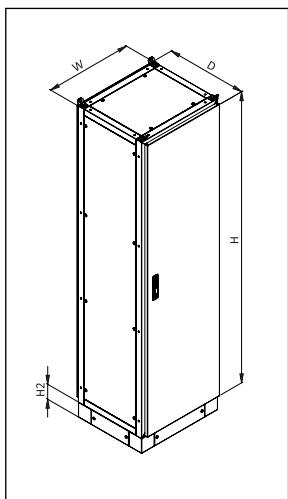


| | | |
|------------------------|--|--|
| Material | : Body : 1,50 mm 304 stainless steel. Door: 2,00 mm 304 stainless steel. Rear panel: 1,50 mm 304 stainless steel. Top cover: 1,50 mm 304 stainless steel. Plinth corners: 2,00 mm 304 stainless steel. Plinth panels: 1,50 mm 304 stainless steel. Gland Plate: 1,50 mm 304 stainless steel. | <ul style="list-style-type: none">• Please see page 285-286 for technical drawings.• Please contact the customer service for 316 stainless steel application or varnish-coated surface process. |
| Surface process | : Natural stainless surface process | |
| IP Rate | : IP 55 Single Door, IP54 Double Door | |
| Supply includes | : 1 set of panel body, 1 pcs door, 1 pcs rear panel, 1 pcs top cover, 1 set of gland plate, 1 set of enclosure combination kit, 4 pcs lifting hook. | |

ATTENTION : Mounting plate and other interior equipments chosen separately Page 207 - 208

DT FLOOR STANDING STAINLESS STEEL CABINET

ASSEMBLED DT STAINLESS STEEL ENCLOSURE



| PRODUCT CODE | DOOR | MOUNTING PLATE PRODUCT CODE | DT ENCLOSURE SIZES (mm) | | |
|--------------|--------|-----------------------------|-------------------------|-----------------|----------------|
| | | | WIDTH (W) (mm) | HEIGHT (H) (mm) | DEPTH (D) (mm) |
| 136.184.K | SINGLE | 942.618 | 600 | 1800 | 400 |
| 136.185.K | SINGLE | 942.618 | 600 | 1800 | 500 |
| 136.186.K | SINGLE | 942.618 | 600 | 1800 | 600 |
| 136.188.K | SINGLE | 942.618 | 600 | 1800 | 800 |
| 136.204.K | SINGLE | 942.620 | 600 | 2000 | 400 |
| 136.205.K | SINGLE | 942.620 | 600 | 2000 | 500 |
| 136.206.K | SINGLE | 942.620 | 600 | 2000 | 600 |
| 136.208.K | SINGLE | 942.620 | 600 | 2000 | 800 |
| 138.184.K | SINGLE | 942.818 | 800 | 1800 | 400 |
| 138.185.K | SINGLE | 942.818 | 800 | 1800 | 500 |
| 138.186.K | SINGLE | 942.818 | 800 | 1800 | 600 |
| 138.188.K | SINGLE | 942.818 | 800 | 1800 | 800 |
| 138.204.K | SINGLE | 942.820 | 800 | 2000 | 400 |
| 138.205.K | SINGLE | 942.820 | 800 | 2000 | 500 |
| 138.206.K | SINGLE | 942.820 | 800 | 2000 | 600 |
| 138.208.K | SINGLE | 942.820 | 800 | 2000 | 800 |
| 130.184.K | DOUBLE | 942.018 | 1000 | 1800 | 400 |
| 130.185.K | DOUBLE | 942.018 | 1000 | 1800 | 500 |
| 130.186.K | DOUBLE | 942.018 | 1000 | 1800 | 600 |
| 130.188.K | DOUBLE | 942.018 | 1000 | 1800 | 800 |
| 130.204.K | DOUBLE | 942.020 | 1000 | 2000 | 400 |
| 130.205.K | DOUBLE | 942.020 | 1000 | 2000 | 500 |
| 130.206.K | DOUBLE | 942.020 | 1000 | 2000 | 600 |
| 130.208.K | DOUBLE | 942.020 | 1000 | 2000 | 800 |
| 132.184.K | DOUBLE | 942.218 | 1200 | 1800 | 400 |
| 132.185.K | DOUBLE | 942.218 | 1200 | 1800 | 500 |
| 132.186.K | DOUBLE | 942.218 | 1200 | 1800 | 600 |
| 132.188.K | DOUBLE | 942.218 | 1200 | 1800 | 800 |
| 132.204.K | DOUBLE | 942.220 | 1200 | 2000 | 400 |
| 132.205.K | DOUBLE | 942.220 | 1200 | 2000 | 500 |
| 132.206.K | DOUBLE | 942.220 | 1200 | 2000 | 600 |
| 132.208.K | DOUBLE | 942.220 | 1200 | 2000 | 800 |

STAINLESS STEEL ENCLOSURES

DT FLOOR STANDING STAINLESS STEEL CABINET

DT STAINLESS STEEL PLINTH



Material : Plinth corners: 2,00 mm 304 stainless steel
Plinth panels: 1,50 mm 304 stainless steel

Supply includes : 4 pcs support corner, 2 pcs front plinth panel, 2 pcs side plinth panel

| H100 PRODUCT CODE | H200 PRODUCT CODE | DT ENCLOSURE WIDTH (mm) | DT ENCLOSURE DEPTH (mm) |
|-------------------------|-------------------------|----------------------------|----------------------------|
| 911.164.K | 911.264.K | 600 | 400 |
| 911.165.K | 911.265.K | 600 | 500 |
| 911.166.K | 911.266.K | 600 | 600 |
| 911.168.K | 911.268.K | 600 | 800 |
| 911.184.K | 911.284.K | 800 | 400 |
| 911.185.K | 911.285.K | 800 | 500 |
| 911.186.K | 911.286.K | 800 | 600 |
| 911.188.K | 911.288.K | 800 | 800 |
| 911.104.K | 911.204.K | 1000 | 400 |
| 911.105.K | 911.205.K | 1000 | 500 |
| 911.106.K | 911.206.K | 1000 | 600 |
| 911.108.K | 911.208.K | 1000 | 800 |
| 911.124.K | 911.224.K | 1200 | 400 |
| 911.125.K | 911.225.K | 1200 | 500 |
| 911.126.K | 911.226.K | 1200 | 600 |
| 911.128.K | 911.228.K | 1200 | 800 |

DT STAINLESS STEEL SIDE PANEL



Material : 1,50 mm 304 stainless steel

Supply includes : 2 pcs side panel (1 pair)

| PRODUCT CODE | DT ENCLOSURE HEIGHT (mm) | DT ENCLOSURE DEPTH (mm) |
|-----------------|-----------------------------|----------------------------|
| 932.418.K | 1800 | 400 |
| 932.518.K | 1800 | 500 |
| 932.618.K | 1800 | 600 |
| 932.818.K | 1800 | 800 |
| 932.420.K | 2000 | 400 |
| 932.520.K | 2000 | 500 |
| 932.620.K | 2000 | 600 |
| 932.820.K | 2000 | 800 |

KMT-1000 AND KMT-2000 STAINLESS CONTROL DESKS



Material : Body, panels: 1,50 mm 304 stainless steel
Plinth corner: 2,00 mm 304 stainless steel
Bottom panel: 1,50 mm 304 stainless steel
Mounting panel: 2,00 mm galvanized steel

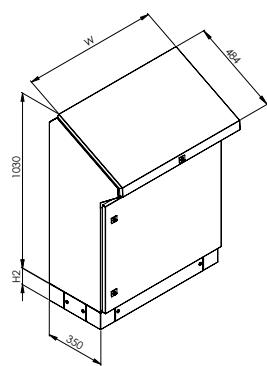
- Please contact the customer service for 316 steel sheet application or varnish-coated surface process.
- Please see page 287-288 for technical drawings.

Surface process : Natural stainless surface application

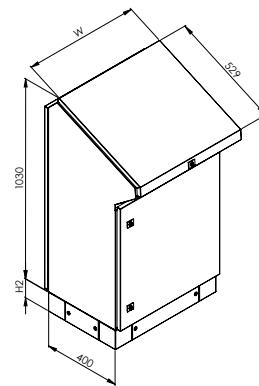
IP Rate : IP 55

Supply includes : **For KMT-1000:** 1 pcs back-closed main body, 1 pcs top panel with damper, 1 pcs bottom door, gland plate with foam, 1 pcs mounting plate, 1 set of 100mm plinth

For KMT-2000: 1 pcs open-back main body, 1 pcs top panel with damper, 1 pcs bottom door, 1 pcs rear door, gland plate with foam, 2 pcs mounting plate.



KMT-1000 (Closed rear)



KMT-2000 (Opened 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 |

| 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 |



INDEX // BUSBAR SUPPORTS AND BUSBARS

ADJUSTABLE BUSBAR SUPPORT

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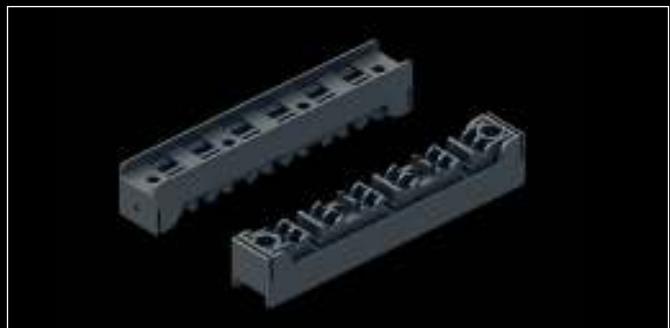
ADJUSTABLE, FLAT BUSBAR SUPPORTS

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PLUG-IN COMPACT BUSBARS

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FLEXIBLE BUSBAR BRACKETS

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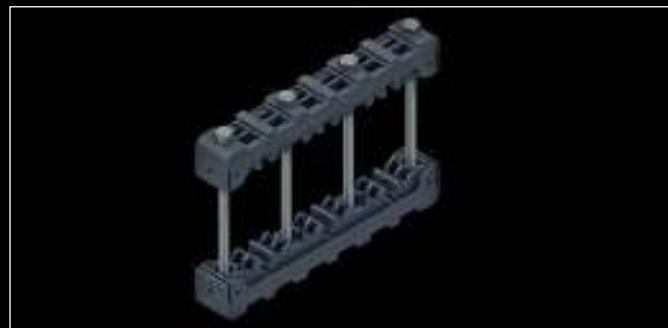
ADJUSTABLE BUSBAR SUPPORT (METAL SUPPORTED)

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COMPACT BUSBAR

216



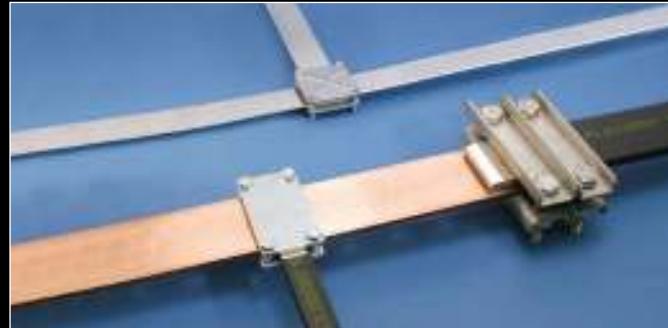
FLEXIBLE COPPER BUSBAR

220



BUSBAR BRACKETS

222



ADJUSTABLE BUSBAR SUPPORT



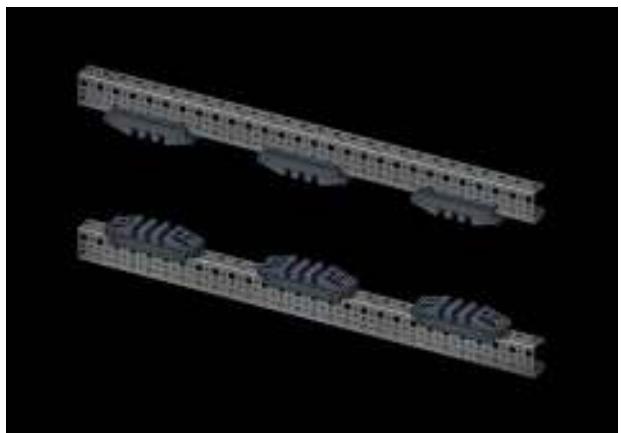
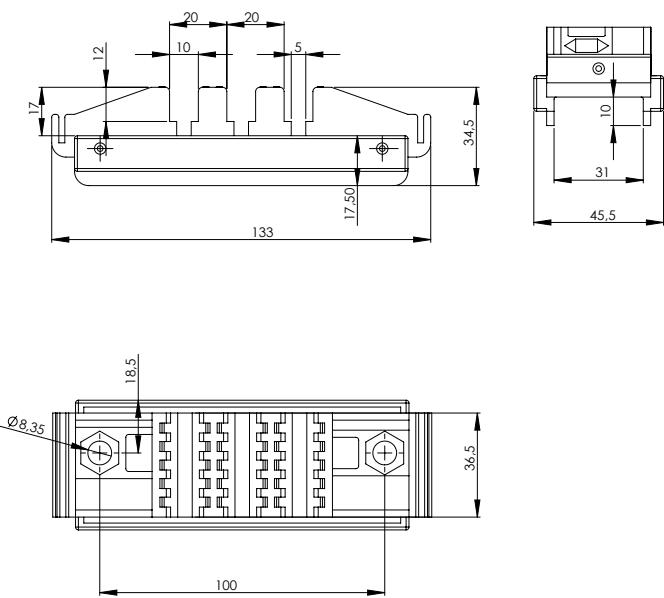
Material : Fibre-reinforced polyamid.

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)

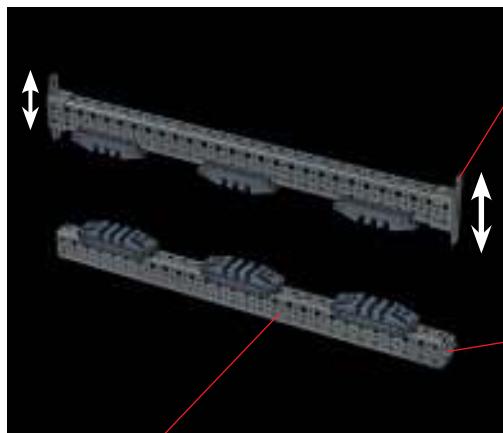
- Please see page 213 for application modes.

- 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 170

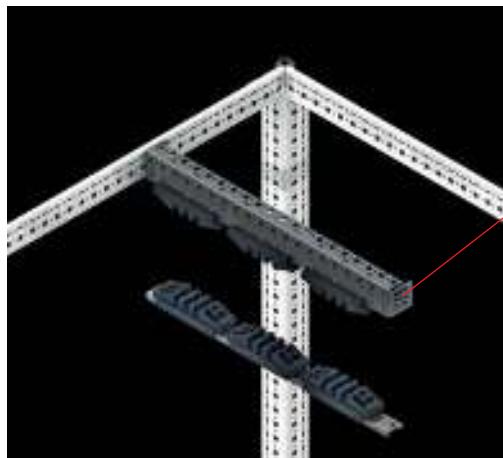
○ Plug-in Rail Bracket,
page 169

○ 50x25 Scissile Rail page 167

APPLICATION - 2



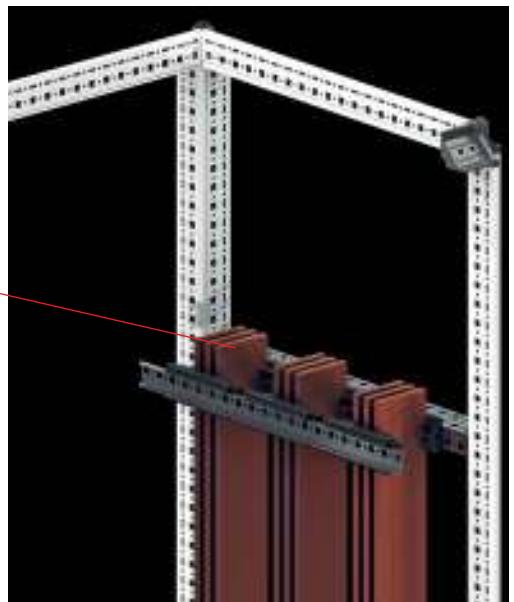
APPLICATION - 3



○ Adjustable Rail Bracket,
Type L, page 171

○ Adjustable Rail Bracket, ○
Type L, page 171

APPLICATION - 4



BUSBAR SUPPORTS AND BUSBARS

ADJUSTABLE BUSBAR SUPPORT (METAL SUPPORTED)

ABS 3/10

ABS 1/10

ABS 4/5



KIT 200x10



ERICO®

Material : Polyamide, glass fibre reinforced

Supply Includes : 1 set (2 pcs)

- Distance between the busbar supports can be adjusted with 25mm steps.
- Durable structure
- Operating range between -40°C and + 130°C

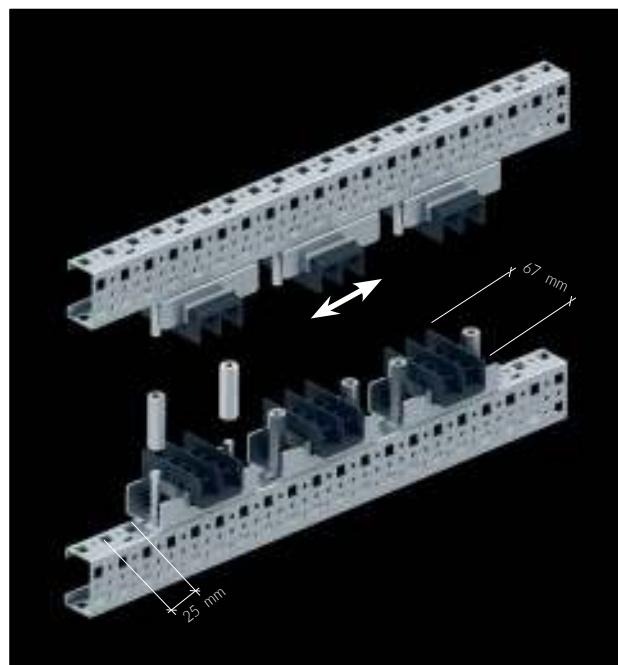
- Halogen-free

- Fire protection in line UL 94 VO standard.

- Applicable to 5-10mm busbar cross-sections

- Applicable to 50-200mm busbar sizes.

- 7400A °C damage can be applied.



| PRODUCT CODE | FLAT BAR QTY | BUSBAR THICKNESS (mm) |
|----------------|--------------|-----------------------|
| 560.860 | 1 | 5 |
| 560.870 | 4 | 5 |
| 560.880 | 1 | 10 |
| 560.890 | 2 | 10 |
| 560.900 | 3 | 10 |
| ASSEMBLING KIT | | |
| 560.910 | 160x10 KIT | |
| 560.920 | 200x10 KIT | |

ADJUSTABLE, FLAT BUSBAR SUPPORTS



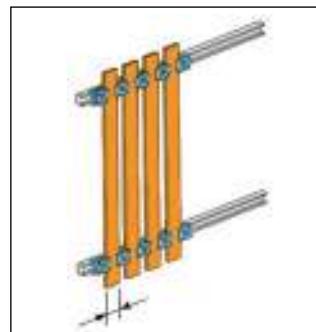
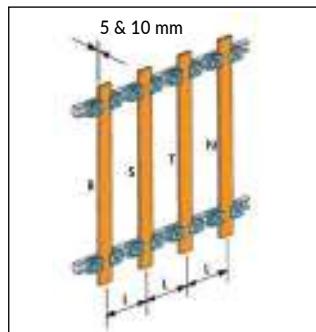
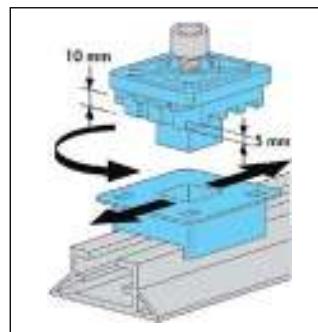
Product Code : 504.991 (12 pcs pack of)
Material : Polyamide, glass fibre reinforced

- 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 168



COMPACT BUSBAR SUPPORT



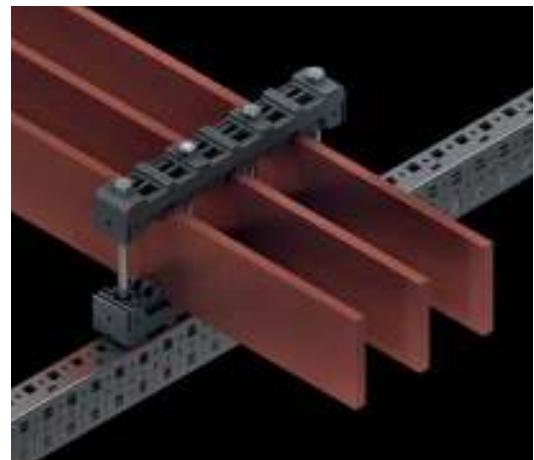
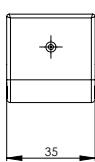
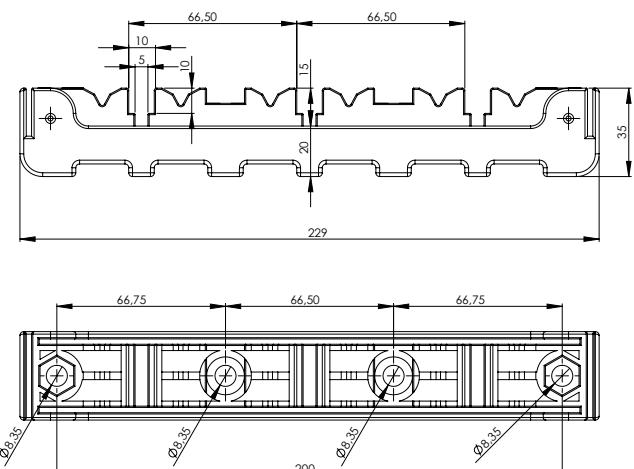
Material : Polyamide glass fibre reinforced.

Supply Includes : 2 pcs busbar support and combination screws.

Product Code : 600.002 (1 set: 2 psc)

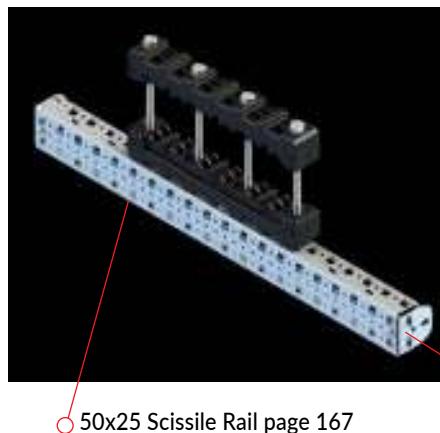
- The busbar supports can be adjusted with 25mm steps.
- Easy mounting
- Cost-effective solution

- 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.



COMPACT BUSBAR SUPPORT

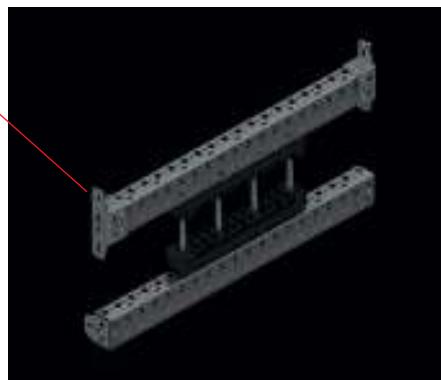
APPLICATION - 1



○ Plug-in Rail Bracket, page 169

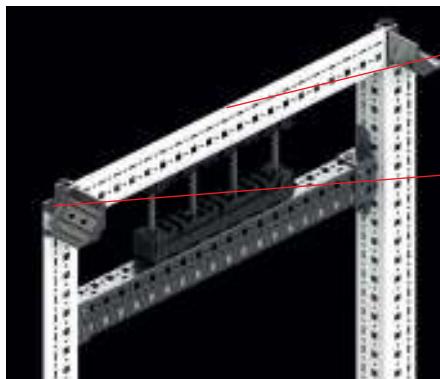
○ 50x25 Scissile Rail page 167

APPLICATION - 2



○ Adjustable Rail
Bracket, Type T,
page 170

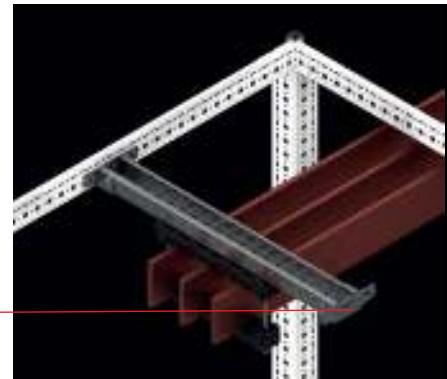
APPLICATION - 3



○ M6 Hide Nut
Page 259

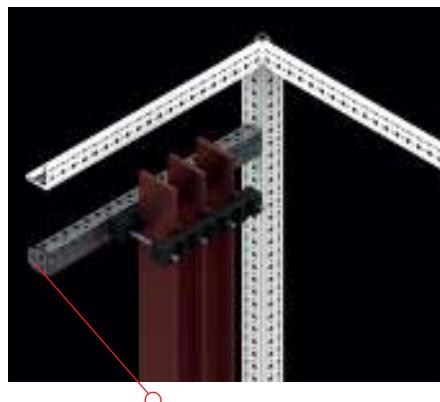
○ Adjustable Rail
Bracket, Type T,
page 170

APPLICATION - 4



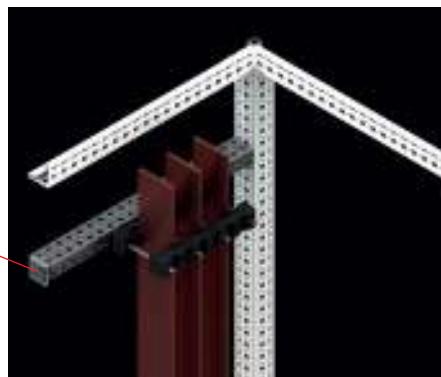
○ Adjustable Rail Bracket,
Type T, page 170

APPLICATION - 5



○ Plug-in Rail Bracket
page 169

APPLICATION - 6



○ Adjustable Rail Bracket,
Type L, page 171

FLEXIBLE COPPER BUSBARS



ERIFLEX®

ERICO

Skin Effect

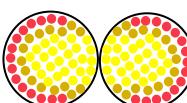
Comparison of the penetration depth between:

1 x 95 mm² Copper Cable — OR → 1 x ERIFLEX® FLEXIBAR 2 x 20 x 1 40 mm²



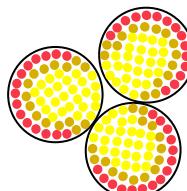
58% Smaller

2 x 150 mm² Copper Cables — OR → 1 x ERIFLEX® FLEXIBAR 5 x 32 x 1 160 mm²

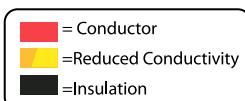


47% Smaller

3x 185 mm² Copper Cables — OR → 1 x ERIFLEX® FLEXIBAR 6 x 50 x 1 300 mm²



46% Smaller



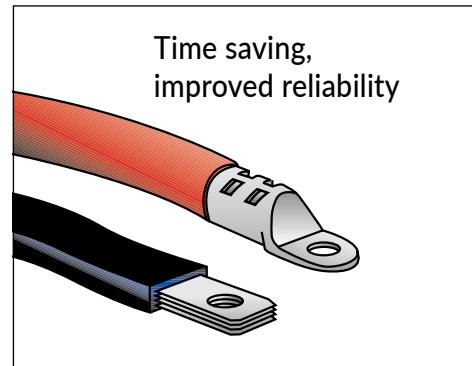
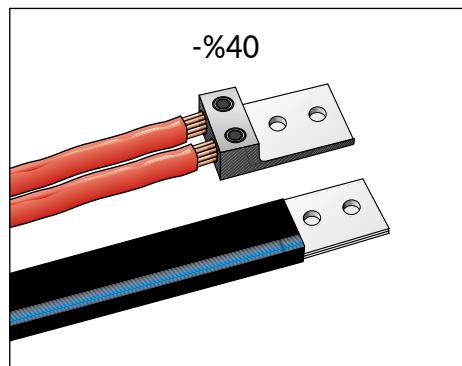
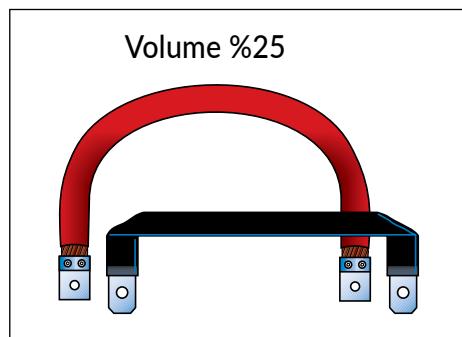
Representative to scale.

ERIFLEX FLEXIBAR intensity and cable intensity are based 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 °C and +150 °C.
- High flexibility: 370%
- Nominal Voltage: 1000V AC/ 1500 V DC

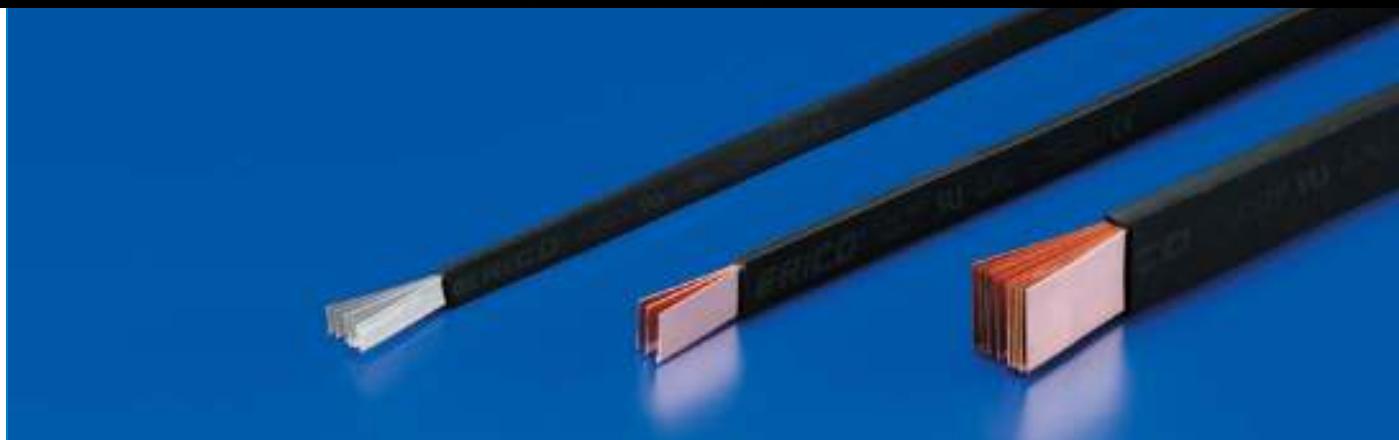


FLEXIBLE COPPER BUSBARS



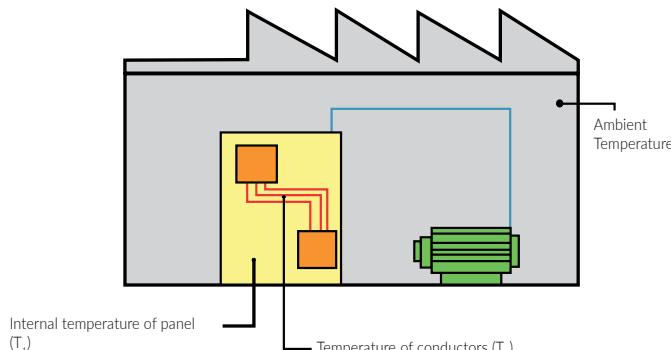
BUSBAR SUPPORTS AND BUSBARS

FLEXIBLE COPPER BUSBARS



ERICO®

SELECTION OF ERIFLEX FLEXIBAR ACCORDING TO THE INTERNAL TEMPERATURE OF THE PANEL



Temperature rise of conductor = $T_2 - T_1 = \Delta T$ (K)

Ex.: For a current of 630 A, with

$$T_1 = 40^\circ\text{C} - T_2 = 90^\circ\text{C}$$

$$1) \Delta T = 90 - 40 = 50 \text{ K}$$

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 temperature rise produced by chosen current in the given section.

This calculation does not take into account the heat dissipation from the switch gear.

| A | PRODUCT CODE | UNIT METER | PACKS OF |  | SECTION mm ² | ΔT (K) | | | | | | CURRENT COEFFICIENT | | | | |
|-------|--------------|------------|----------|---|-------------------------|--------|-----|---|------|------|------|---------------------|------|------|---|---|
| | | | | | | N | A | B | 70 | 60 | 50 | 40 | 30 | 20 |  |  |
| 250A | 552.490 | 2 | 5 |  | 40 | 2 | 20 | 1 | 326 | 300 | 275 | 246 | 214 | 174 | 1.72 | 2.25 |
| | 552.500 | 2 | 5 | | | 3 | 20 | 1 | 428 | 395 | 360 | 323 | 280 | 228 | 1.72 | 2.25 |
| 400A | 552.520 | 2 | 5 |  | 100 | 5 | 20 | 1 | 498 | 460 | 420 | 376 | 326 | 266 | 1.72 | 2.25 |
| | 552.530 | 2 | 5 | | | 6 | 20 | 1 | 546 | 506 | 462 | 413 | 358 | 292 | 1.72 | 2.25 |
| 500A | 552.580 | 2 | 5 |  | 120 | 5 | 24 | 1 | 608 | 563 | 514 | 460 | 398 | 325 | 1.72 | 2.25 |
| | 552.590 | 2 | 5 | | | 6 | 24 | 1 | 670 | 620 | 566 | 506 | 438 | 358 | 1.72 | 2.25 |
| 630A | 552.650 | 2 | 5 |  | 160 | 5 | 32 | 1 | 758 | 702 | 640 | 573 | 496 | 405 | 1.72 | 2.25 |
| | 552.660 | 2 | 5 | | | 6 | 32 | 1 | 846 | 783 | 715 | 640 | 555 | 452 | 1.72 | 2.25 |
| 800A | 552.730 | 2 | 5 |  | 240 | 6 | 40 | 1 | 1018 | 943 | 860 | 770 | 667 | 544 | 1.72 | 2.25 |
| 1000A | 552.740 | 2 | 5 |  | 320 | 8 | 40 | 1 | 1230 | 1140 | 1040 | 930 | 805 | 658 | 1.72 | 2.25 |
| | 552.750 | 2 | 5 |  | | 10 | 40 | 1 | 1400 | 1295 | 1181 | 1055 | 915 | 747 | 1.72 | 2.25 |
| 1250A | 552.810 | 2 | 2 |  | 500 | 10 | 50 | 1 | 1650 | 1525 | 1395 | 1245 | 1080 | 882 | 1.72 | 2.25 |
| 1600A | 552.870 | 2 | 2 |  | 630 | 10 | 63 | 1 | 1895 | 1755 | 1600 | 1435 | 1240 | 1012 | 1.65 | 2.12 |
| | 552.920 | 2 | 2 |  | | 8 | 80 | 1 | 1895 | 1755 | 1600 | 1435 | 1240 | 1012 | 1.65 | 2.12 |
| | 552.930 | 2 | 2 |  | 800 | 10 | 80 | 1 | 2100 | 1945 | 1775 | 1585 | 1375 | 1123 | 1.65 | 2.12 |
| | 552.990 | 2 | 2 |  | | 12 | 100 | 1 | 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 - $\Delta T = 50 \text{ K}$: 640 A

2 parallel bars > $640 \text{ A} \times 1.72 = 1100 \text{ A}$

3 parallel bars > $640 \text{ A} \times 2.25 = 1440 \text{ A}$

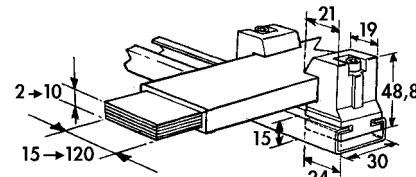
FLEXIBLE COPPER BUSBARS



ERICO

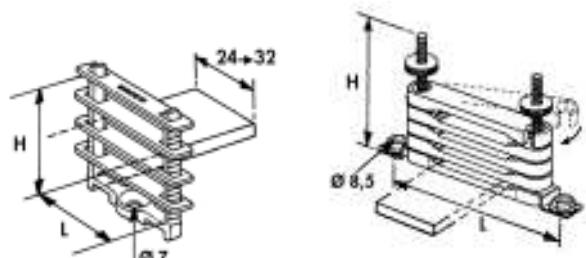
UFS KIT

- 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

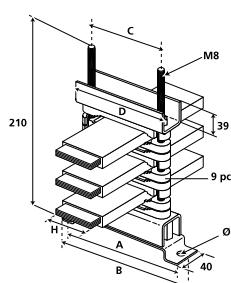
- Holds flexible busbars evenly and in parallel position.
- Sufficient number of perforations for optimum cooling.
- 4 pcs flexible busbar can be held together.



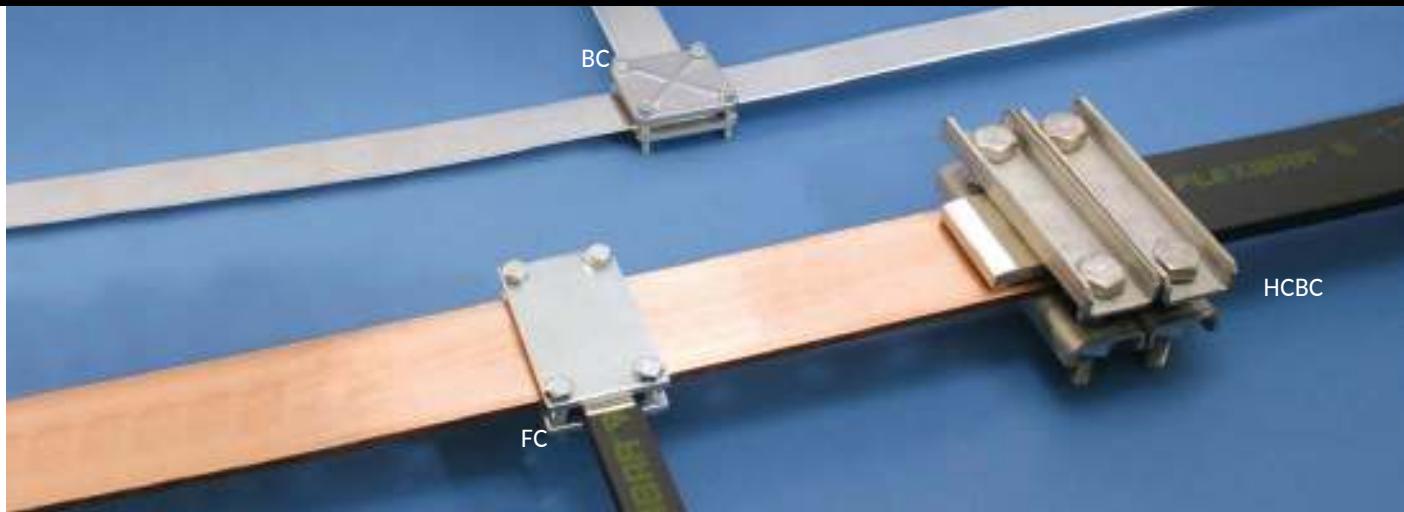
| PRODUCT CODE | DESCRIPTION | FLEXIBLE BUSBAR TYPE | H (mm) | L (mm) | PACKS OF |
|--------------|-------------|----------------------|--------|--------|----------|
| 553.550 | FS 24 | =< 24mm | 53 | 30 | 25 |
| 553.560 | FS 32 | =< 32mm | 53 | 38 | 25 |
| 553.570 | FS 40-63 | 40,50,63mm | 95 | 150 | 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



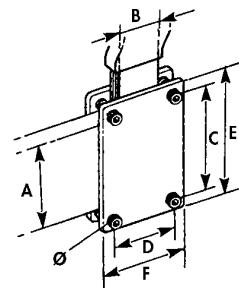
| PRODUCT CODE | DESCRIPTION | FLEXIBLE BUSBAR TYPE | A (mm) | B (mm) | C (mm) | D (mm) | PACKS OF |
|--------------|-------------|----------------------|--------|--------|--------|--------|----------|
| 553.370 | RFS 40-63 | 40,50,63mm | 150 | 175 | 90 | 120 | 1 |
| 553.380 | RFS 80-100 | 80/100mm | 200 | 225 | 140 | 170 | 1 |



FC BUSBAR CLAMP

- Holding capacity: 20mm
- 2 pcs mild steel+ zinc-plating part tightened with 8.8 quality M8 screws.

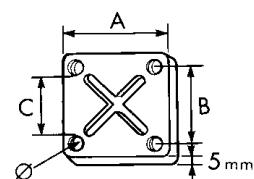
| PRODUCT CODE | DESCRIPTION | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | PACKS OF |
|--------------|-------------|--------|--------|--------|--------|--------|--------|----------|
| 553.020 | FC 50 x24 | 50 | 20-24 | 60 | 36 | 75 | 52 | 3 |
| 553.030 | FC 50 x32 | 50 | 32 | 60 | 44 | 75 | 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.

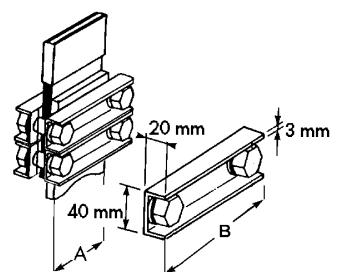
| PRODUCT CODE | DESCRIPTION | A (mm) | B (mm) | C (mm) | DIAMETER | PACKS OF |
|--------------|-------------|--------|--------|--------|----------|----------|
| 553.200 | BC 30 | 56 | 42 | 30 | M6 | 8 |
| 553.210 | BC 40 | 66 | 52 | 40 | M6 | 8 |
| 553.220 | BC 50 | 83 | 64 | 50 | M8 | 8 |
| 553.230 | 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 HIGH-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 |

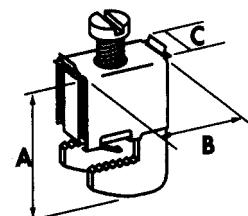


BUSBAR BRACKETS



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



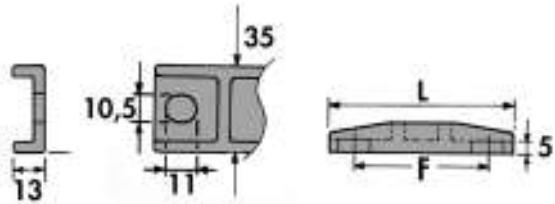
| BUSBAR THICKNESS 5 (mm) | | | | | | | |
|-------------------------|-------------|--------|--------|--------|--------|----------------------------|----------|
| PRODUCT CODE | DESCRIPTION | A (mm) | B (mm) | C (mm) | | CABLE SIZE mm ² | PACKS OF |
| 553.405 | FBC 5x4 | 23 | 29 | 11 | | 4 | 15 |
| 553.400 | 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 mm ² | 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 |



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 |

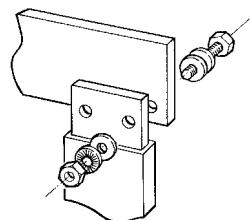
CONT KIT

- 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 |

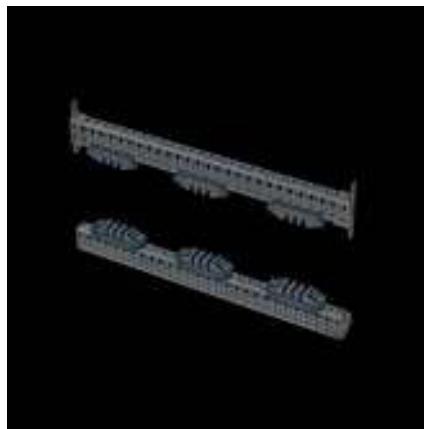
CLAMPING TORQUE CALCULATION

| 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) | | | | | | | | | |
| 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) | | | | | | | | | |
| 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 |

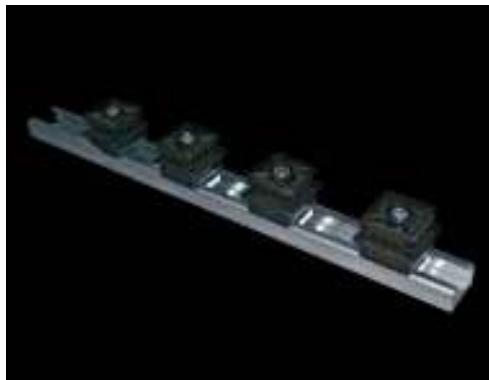
Distance Between Phases to D=175mm

| 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 SUPPORTS AND BUSBARS

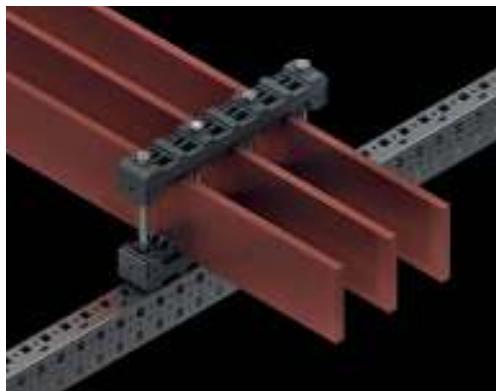
BUSBAR CALCULATION TABLES

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 |

BUSBAR CALCULATION TABLES

ADJUSTABLE BUSBAR SUPPORT (METAL-REINFORCED)



| ABS 1/5 | | | | | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| IpK KA | 24 | 48 | 63 | 82 | 114 | 145 | 152 | 165 | 187 | 209 | 231 |
| Icc rms KA1s | 12 | 23 | 30 | 39 | 52 | 66 | 69 | 75 | 85 | 95 | 105 |
| Busbar Section | Distance Between Busbar Supports(mm) | | | | | | | | | | |
| | Distance Between Phases to D=75mm | | | | | | | | | | |
| 50x5mm | 801 | 398 | 305 | 234 | 167 | 132 | 126 | 116 | 102 | X | X |
| 63x5mm | 900 | 446 | 342 | 263 | 188 | 148 | 141 | 130 | 115 | 102 | X |
| 80x5mm | 1000 | 503 | 386 | 296 | 212 | 167 | 159 | 147 | 129 | 116 | 104 |
| 100x5mm | 1000 | 563 | 431 | 331 | 237 | 187 | 178 | 164 | 145 | 129 | 117 |
| 125x5mm | 1000 | 629 | 482 | 371 | 265 | 209 | 200 | 184 | 162 | 145 | 131 |

| Distance Between Phases to D=100mm | | | | | | | | | | | |
|------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 925 | 459 | 352 | 270 | 193 | 152 | 145 | 134 | 118 | 105 | X |
| 63x5mm | 1000 | 516 | 395 | 304 | 217 | 171 | 163 | 150 | 132 | 118 | 107 |
| 80x5mm | 1000 | 581 | 445 | 342 | 245 | 193 | 184 | 169 | 149 | 134 | 121 |
| 100x5mm | 1000 | 650 | 498 | 383 | 274 | 216 | 206 | 190 | 167 | 149 | 135 |
| 125x5mm | 1000 | 727 | 557 | 428 | 306 | 241 | 231 | 212 | 187 | 167 | 151 |

| Distance Between Phases to D=125mm | | | | | | | | | | | |
|------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 514 | 394 | 303 | 216 | 170 | 163 | 150 | 132 | 118 | 107 |
| 63x5mm | 1000 | 577 | 442 | 340 | 243 | 191 | 183 | 168 | 148 | 133 | 120 |
| 80x5mm | 1000 | 650 | 498 | 383 | 274 | 216 | 206 | 190 | 167 | 149 | 135 |
| 100x5mm | 1000 | 727 | 557 | 428 | 306 | 241 | 231 | 212 | 187 | 167 | 151 |
| 125x5mm | 1000 | 813 | 623 | 479 | 343 | 270 | 258 | 237 | 209 | 187 | 169 |

| Distance Between Phases to D=150mm | | | | | | | | | | | |
|------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 563 | 431 | 331 | 237 | 187 | 178 | 164 | 145 | 129 | 117 |
| 63x5mm | 1000 | 632 | 484 | 372 | 266 | 210 | 200 | 184 | 162 | 145 | 131 |
| 80x5mm | 1000 | 712 | 546 | 420 | 300 | 236 | 226 | 208 | 183 | 164 | 148 |
| 100x5mm | 1000 | 796 | 610 | 469 | 336 | 264 | 253 | 232 | 205 | 183 | 166 |
| 125x5mm | 1000 | 890 | 682 | 525 | 375 | 296 | 283 | 260 | 229 | 205 | 185 |

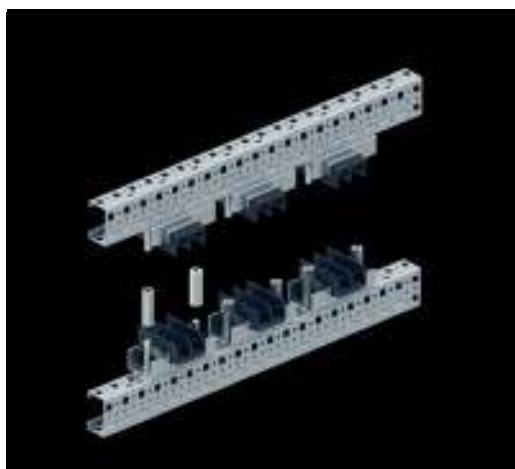
| Distance Between Phases to D=175mm | | | | | | | | | | | |
|------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 608 | 466 | 358 | 256 | 202 | 193 | 177 | 156 | 140 | 126 |
| 63x5mm | 1000 | 683 | 523 | 402 | 288 | 226 | 216 | 199 | 176 | 157 | 142 |
| 80x5mm | 1000 | 769 | 590 | 453 | 324 | 255 | 244 | 224 | 198 | 177 | 160 |
| 100x5mm | 1000 | 860 | 659 | 507 | 363 | 285 | 273 | 251 | 221 | 198 | 179 |
| 125x5mm | 1000 | 962 | 737 | 567 | 406 | 319 | 305 | 281 | 248 | 222 | 200 |

| Distance Between Phases to D=200mm | | | | | | | | | | | |
|------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 650 | 498 | 383 | 274 | 216 | 206 | 190 | 167 | 149 | 185 |
| 63x5mm | 1000 | 730 | 559 | 430 | 308 | 242 | 232 | 213 | 188 | 168 | 152 |
| 80x5mm | 1000 | 822 | 630 | 485 | 347 | 273 | 261 | 240 | 212 | 189 | 171 |
| 100x5mm | 1000 | 920 | 705 | 542 | 388 | 305 | 292 | 268 | 237 | 212 | 191 |
| 125x5mm | 1000 | 1000 | 788 | 606 | 434 | 341 | 327 | 300 | 265 | 237 | 214 |

BUSBAR SUPPORTS AND BUSBARS

BUSBAR CALCULATION TABLES

ADJUSTABLE BUSBAR SUPPORT (METAL-REINFORCED)



ABS 4/5

| Ipk KA | 24 | 48 | 63 | 82 | 114 | 145 | 152 | 165 | 187 | 209 | 231 |
|----------------|--------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Icc rms KA1s | 12 | 23 | 30 | 39 | 52 | 66 | 69 | 75 | 85 | 95 | 105 |
| Busbar Section | Distance Between Busbar Supports(mm) | | | | | | | | | | |
| 50x5mm | 1000 | 920 | 705 | 542 | 388 | 305 | 292 | 268 | 237 | 212 | 191 |
| 63x5mm | 1000 | 1000 | 791 | 608 | 435 | 343 | 328 | 302 | 266 | 238 | 215 |
| 80x5mm | 1000 | 1000 | 892 | 686 | 491 | 386 | 370 | 340 | 300 | 268 | 242 |
| 100x5mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 300 | 262 |
| 125x5mm | 1000 | 1000 | 1000 | 857 | 614 | 483 | 462 | 425 | 375 | 320 | 262 |

Distance Between Phases to D=125mm

| | | | | | | | | | | | |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 1000 | 788 | 606 | 434 | 341 | 327 | 300 | 265 | 237 | 214 |
| 63x5mm | 1000 | 1000 | 885 | 680 | 487 | 383 | 367 | 337 | 297 | 266 | 241 |
| 80x5mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 300 | 271 |
| 100x5mm | 1000 | 1000 | 100 | 854 | 614 | 483 | 462 | 425 | 375 | 335 | 303 |
| 125x5mm | 1000 | 1000 | 1000 | 959 | 686 | 540 | 517 | 475 | 419 | 375 | 327 |

Distance Between Phases to D=150mm

| | | | | | | | | | | | |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 1000 | 863 | 664 | 475 | 374 | 358 | 329 | 290 | 260 | 235 |
| 63x5mm | 1000 | 1000 | 969 | 745 | 533 | 420 | 402 | 369 | 326 | 291 | 264 |
| 80x5mm | 1000 | 1000 | 1000 | 840 | 601 | 473 | 453 | 416 | 367 | 329 | 297 |
| 100x5mm | 1000 | 1000 | 1000 | 939 | 672 | 529 | 506 | 466 | 411 | 368 | 332 |
| 125x5mm | 1000 | 1000 | 1000 | 1000 | 752 | 592 | 566 | 521 | 459 | 411 | 372 |

Distance Between Phases to D=175mm

| | | | | | | | | | | | |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 1000 | 933 | 717 | 513 | 404 | 387 | 356 | 314 | 280 | 254 |
| 63x5mm | 1000 | 1000 | 1000 | 805 | 576 | 454 | 434 | 399 | 352 | 315 | 285 |
| 80x5mm | 1000 | 1000 | 1000 | 907 | 649 | 511 | 489 | 450 | 394 | 355 | 321 |
| 100x5mm | 1000 | 1000 | 1000 | 1000 | 726 | 572 | 547 | 503 | 444 | 397 | 359 |
| 125x5mm | 1000 | 1000 | 1000 | 1000 | 812 | 640 | 612 | 563 | 496 | 444 | 402 |

Distance Between Phases to D=200mm

| | | | | | | | | | | | |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 50x5mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 300 | 271 |
| 63x5mm | 1000 | 1000 | 1000 | 861 | 616 | 485 | 464 | 427 | 376 | 337 | 305 |
| 80x5mm | 1000 | 1000 | 1000 | 970 | 694 | 547 | 523 | 481 | 424 | 380 | 343 |
| 100x5mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 585 | 538 | 475 | 425 | 384 |
| 125x5mm | 1000 | 1000 | 1000 | 1000 | 868 | 684 | 654 | 602 | 531 | 475 | 429 |

BUSBAR SUPPORTS AND BUSBARS

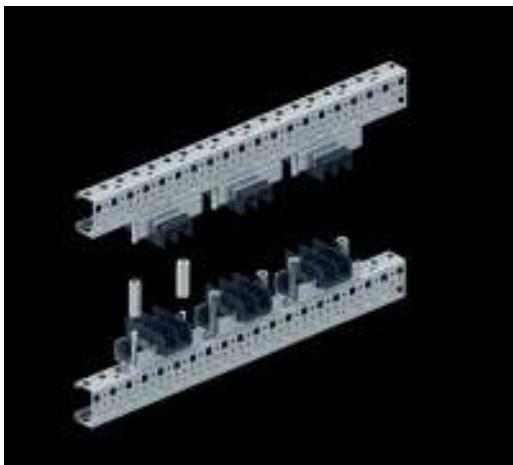
BUSBAR CALCULATION TABLES

| ABS 1/10 | | | | | | | | | | | |
|------------------------------------|--------------------------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| Ipk KA | 24 | 48 | 63 | 82 | 114 | 145 | 152 | 165 | 187 | 209 | 231 |
| Icc rms KA1s | 12 | 23 | 30 | 39 | 52 | 66 | 69 | 75 | 85 | 95 | 105 |
| Busbar | Distance Between Busbar Supports(mm) | | | | | | | | | | |
| Section | Distance Between Phases to D=75mm | | | | | | | | | | |
| 50x10mm | 1000 | 796 | 610 | 469 | 336 | 264 | 253 | 232 | 205 | 183 | 166 |
| 60x10mm | 1000 | 872 | 669 | 514 | 368 | 290 | 277 | 255 | 225 | 201 | 182 |
| 80x10mm | 1000 | 1000 | 772 | 594 | 425 | 334 | 320 | 294 | 250 | 224 | 183 |
| 100x10mm | 1000 | 1000 | 863 | 664 | 475 | 374 | 358 | 329 | 280 | 224 | 183 |
| 120x10mm | 1000 | 1000 | 946 | 727 | 520 | 410 | 392 | 360 | 280 | 224 | 183 |
| 160x10mm | 1000 | 1000 | 1000 | 840 | 601 | 466 | 426 | 360 | 280 | 224 | 183 |
| 200x10mm | 1000 | 1000 | 1000 | 939 | 672 | 466 | 426 | 360 | 280 | 224 | 183 |
| Distance Between Phases to D=100mm | | | | | | | | | | | |
| 50x10mm | 1000 | 920 | 705 | 542 | 388 | 305 | 292 | 268 | 237 | 212 | 191 |
| 60x10mm | 1000 | 1000 | 772 | 594 | 425 | 334 | 320 | 294 | 259 | 232 | 210 |
| 80x10mm | 1000 | 1000 | 892 | 686 | 491 | 386 | 370 | 340 | 300 | 268 | 242 |
| 100x10mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 299 | 245 |
| 120x10mm | 1000 | 1000 | 1000 | 840 | 601 | 473 | 453 | 416 | 367 | 299 | 245 |
| 160x10mm | 1000 | 1000 | 1000 | 970 | 694 | 547 | 523 | 481 | 374 | 299 | 245 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 568 | 481 | 374 | 299 | 245 |
| Distance Between Phases to D=125mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 788 | 606 | 434 | 341 | 327 | 300 | 265 | 237 | 214 |
| 60x10mm | 1000 | 1000 | 863 | 664 | 475 | 374 | 358 | 329 | 290 | 260 | 235 |
| 80x10mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 300 | 271 |
| 100x10mm | 1000 | 1000 | 1000 | 857 | 614 | 483 | 462 | 425 | 375 | 335 | 303 |
| 120x10mm | 1000 | 1000 | 1000 | 939 | 672 | 529 | 506 | 466 | 411 | 368 | 306 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 585 | 538 | 468 | 374 | 306 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 868 | 684 | 654 | 601 | 468 | 374 | 306 |
| Distance Between Phases to D=150mm | | | | | | | | | | | |
| * | 1000 | 1000 | 863 | 664 | 475 | 374 | 358 | 329 | 290 | 260 | 235 |
| 60x10mm | 1000 | 1000 | 946 | 727 | 520 | 410 | 392 | 361 | 318 | 284 | 257 |
| 80x10mm | 1000 | 1000 | 1000 | 840 | 601 | 473 | 453 | 416 | 367 | 329 | 297 |
| 100x10mm | 1000 | 1000 | 1000 | 939 | 672 | 529 | 506 | 466 | 411 | 368 | 332 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 736 | 58 | 555 | 510 | 450 | 403 | 364 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 851 | 670 | 641 | 589 | 520 | 450 | 368 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 951 | 749 | 717 | 659 | 562 | 450 | 368 |
| Distance Between Phases to D=175mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 933 | 717 | 513 | 404 | 387 | 356 | 314 | 280 | 254 |
| 60x10mm | 1000 | 1000 | 1000 | 786 | 562 | 443 | 423 | 390 | 344 | 307 | 278 |
| 80x10mm | 1000 | 1000 | 1000 | 907 | 649 | 511 | 489 | 450 | 397 | 355 | 321 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 726 | 572 | 547 | 503 | 444 | 397 | 359 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 796 | 627 | 599 | 551 | 486 | 435 | 393 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 919 | 724 | 692 | 637 | 562 | 502 | 429 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 809 | 774 | 712 | 628 | 525 | 429 |
| Distance Between Phases to D=200mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 997 | 767 | 549 | 432 | 413 | 380 | 335 | 300 | 171 |
| 60x10mm | 1000 | 1000 | 1000 | 840 | 601 | 473 | 453 | 416 | 367 | 329 | 297 |
| 80x10mm | 1000 | 1000 | 1000 | 970 | 694 | 547 | 523 | 481 | 424 | 380 | 343 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 585 | 538 | 475 | 425 | 384 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 851 | 670 | 641 | 589 | 520 | 465 | 421 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 982 | 774 | 740 | 681 | 601 | 537 | 486 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 865 | 828 | 761 | 672 | 600 | 491 |

BUSBAR SUPPORTS AND BUSBARS

BUSBAR CALCULATION TABLES

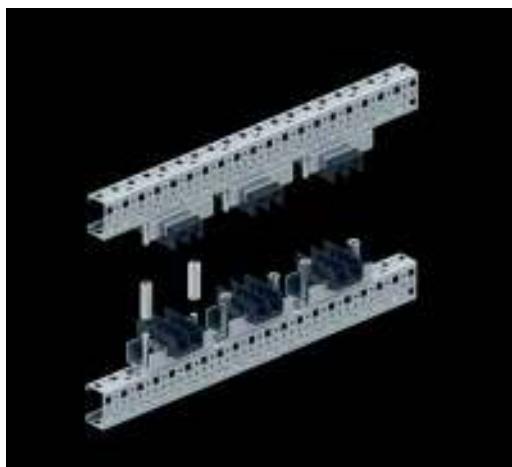
ADJUSTABLE BUSBAR SUPPORT (METAL-REINFORCED)



| ABS 2/10 | | | | | | | | | | | |
|------------------------------------|--------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|
| Ipk KA | 24 | 48 | 63 | 82 | 114 | 145 | 152 | 165 | 187 | 209 | 231 |
| Icc rms KA1s | 12 | 23 | 30 | 39 | 52 | 66 | 69 | 75 | 85 | 95 | 105 |
| Busbar Section | Distance Between Busbar Supports(mm) | | | | | | | | | | |
| Distance Between Phases to D=125mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 857 | 614 | 483 | 462 | 425 | 375 | 335 | 303 |
| 60x10mm | 1000 | 1000 | 1000 | 939 | 672 | 529 | 506 | 466 | 411 | 368 | 327 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 585 | 538 | 475 | 400 | 327 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 868 | 684 | 654 | 602 | 500 | 400 | 327 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 951 | 749 | 717 | 642 | 500 | 400 | 327 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 830 | 759 | 642 | 500 | 400 | 327 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 830 | 759 | 642 | 500 | 400 | 327 |
| Distance Between Phases to D=150mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 939 | 672 | 529 | 506 | 466 | 411 | 368 | 332 |
| 60x10mm | 1000 | 1000 | 100 | 100 | 736 | 580 | 555 | 510 | 450 | 403 | 364 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 851 | 670 | 641 | 589 | 520 | 465 | 393 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 951 | 749 | 717 | 659 | 581 | 480 | 393 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 821 | 785 | 722 | 600 | 480 | 393 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 948 | 907 | 771 | 600 | 480 | 393 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 996 | 911 | 771 | 600 | 480 | 393 |
| Distance Between Phases to D=175mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 1000 | 726 | 572 | 547 | 503 | 444 | 394 | 359 |
| 60x10mm | 1000 | 1000 | 1000 | 1000 | 796 | 627 | 599 | 551 | 486 | 435 | 393 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 919 | 724 | 692 | 637 | 562 | 502 | 455 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 809 | 774 | 712 | 628 | 560 | 459 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 887 | 848 | 780 | 688 | 560 | 459 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 979 | 900 | 700 | 560 | 459 | |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 900 | 700 | 560 | 459 |
| Distance Between Phases to D=200mm | | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 1000 | 776 | 611 | 585 | 538 | 475 | 425 | 384 |
| 60x10mm | 1000 | 1000 | 1000 | 1000 | 851 | 170 | 641 | 589 | 520 | 465 | 421 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 982 | 774 | 740 | 681 | 601 | 537 | 486 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 865 | 828 | 761 | 672 | 601 | 524 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 948 | 907 | 834 | 736 | 641 | 524 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 963 | 801 | 641 | 524 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 801 | 641 | 524 |

BUSBAR CALCULATION TABLES

ADJUSTABLE BUSBAR SUPPORT (METAL-REINFORCED)



| ABS 3/10 | | | | | | | | | | | |
|----------------|--------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|
| Ipk KA | 24 | 48 | 63 | 82 | 114 | 145 | 152 | 165 | 187 | 209 | 231 |
| Icc rms KA1s | 12 | 23 | 30 | 39 | 52 | 66 | 69 | 75 | 85 | 95 | 105 |
| Busbar Section | Distance Between Busbar Supports(mm) | | | | | | | | | | |
| | Distance Between Phases to D=150mm | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 1000 | 824 | 649 | 620 | 521 | 503 | 450 | 393 |
| 60x10mm | 1000 | 1000 | 1000 | 1000 | 902 | 711 | 680 | 625 | 552 | 480 | 393 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 821 | 785 | 722 | 600 | 480 | 393 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 918 | 848 | 771 | 600 | 480 | 393 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 996 | 911 | 771 | 600 | 480 | 393 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 996 | 911 | 771 | 600 | 480 | 393 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 996 | 911 | 771 | 600 | 480 | 393 |
| | Distance Between Phases to D=175mm | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 1000 | 890 | 701 | 670 | 616 | 544 | 486 | 440 |
| 60x10mm | 1000 | 1000 | 1000 | 1000 | 975 | 768 | 734 | 675 | 596 | 533 | 459 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 887 | 848 | 780 | 688 | 560 | 459 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 991 | 948 | 872 | 700 | 560 | 459 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 900 | 700 | 560 | 459 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 900 | 700 | 560 | 459 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 900 | 700 | 560 | 459 |
| | Distance Between Phases to D=200mm | | | | | | | | | | |
| 50x10mm | 1000 | 1000 | 1000 | 1000 | 951 | 749 | 717 | 659 | 581 | 520 | 471 |
| 60x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 821 | 785 | 722 | 637 | 570 | 516 |
| 80x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 948 | 907 | 834 | 736 | 641 | 524 |
| 100x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 933 | 801 | 641 | 524 |
| 120x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 801 | 641 | 524 |
| 160x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 801 | 641 | 524 |
| 200x10mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 801 | 641 | 524 |

Exact Match for Tekpan Enclosures



 **COSMOTEC** industrial cooling  **STULZ**



VENTILATION FILTERS AND FANS

236



AIR-CONDITIONERS AND HEAT EXCHANGERS

238



HEATERS

244



THERMAL CONTROL PRODUCTS

245

PERFORMANCE SUPPORT PRODUCTS

Controlling enclosure or cabinet internal temperature is crucial for the efficiency of the equipments operating inside. In electrical equipments, particularly 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 stratifies 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 accommodates 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:

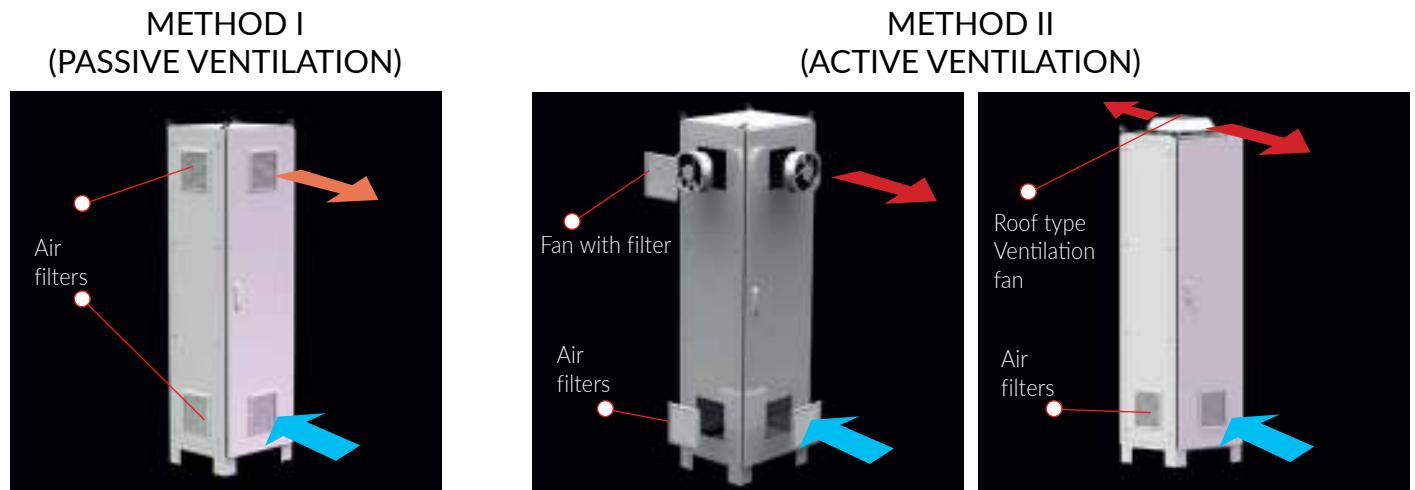
- 1-) Heat radiated by the equipment (watt value in terms of total power)
- 2-) Outdoor temperature
- 3-) Dust
- 4-) Outdoor humidity proportion (multiple humidity)

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.



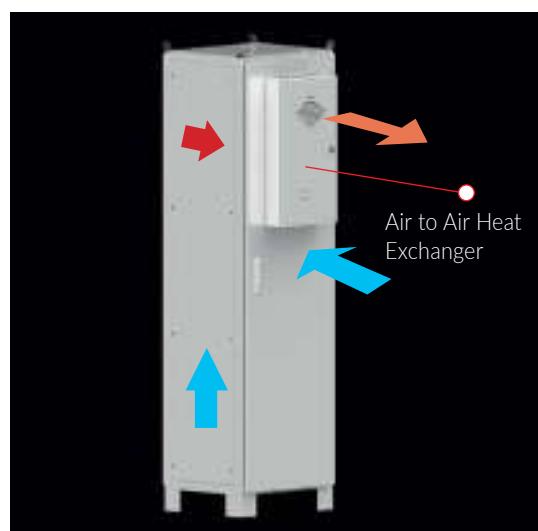
AIR-CONDITIONING APPLICATIONS BY FACTORS

1 MAX. OUTDOOR TEMP \leq REQUIRED MAX. INDOOR TEMP. HARMLESS DUST and HUMIDITY DENSITY



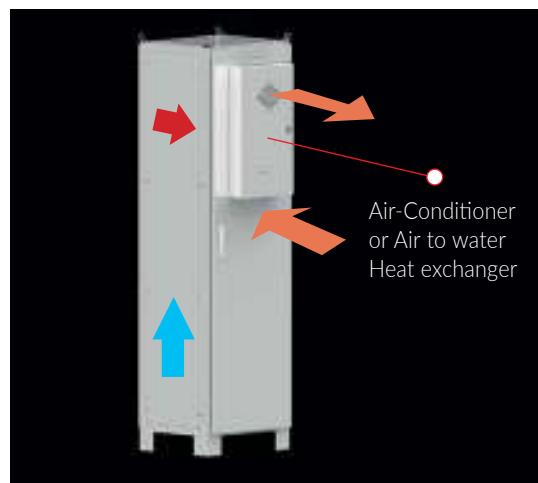
ATTENTION : In Method I equipment heat is not high. Filters require maintenance.

In Method II equipment heat is high. Air volume is required. Filters require maintenance.



2 MAX. OUTDOOR TEMP \leq 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 maintenance 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 \geq 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.

PERFORMANCE SUPPORT PRODUCTS

AIR FILTER and FAN FILTER

AIR FILTERS (RAL 7035)



Material : ABS Ral 7035

IP Rate : IP 54

- 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 : IP 54

- 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 : IP 54

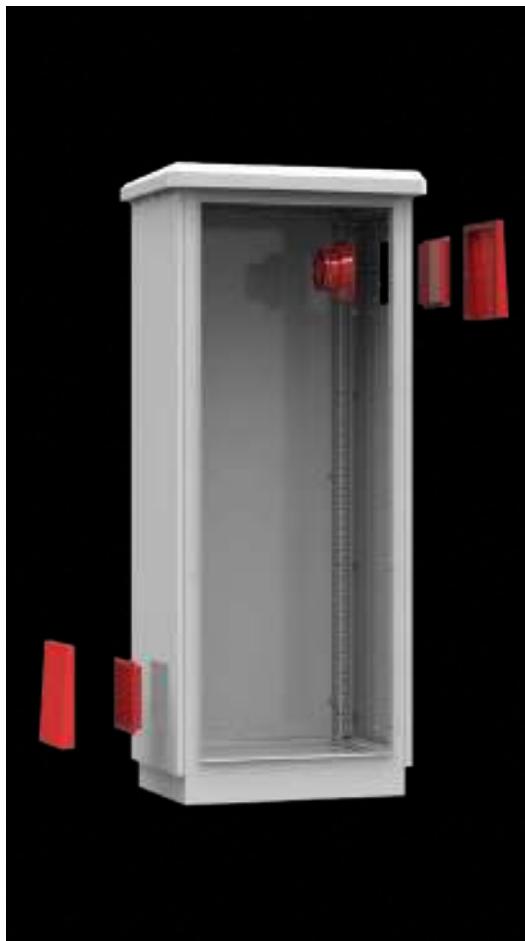
Used Fan : EBM PAPST

- 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 | 60m ³ /hour | 19W |
| 983.141 | 250x250mm | RAL 7035 | 160m ³ /hour | 45W |
| 983.151 | 250x250mm | RAL 7035 | 450m ³ /hour | 64W |
| 983.331 | 150x150mm | CROME | 60m ³ /hour | 19W |
| 983.341 | 250x250mm | CROME | 160m ³ /hour | 45W |
| 983.351 | 250x250mm | CROME | 450m ³ /hour | 64W |

ROOF TYPE VENTILATION FAN

RAIN CANOPY WITH FAN FILTER



Material : 1,50 mm Galvanized steel+RAL 7035 polyester coating
coating filtre: ABS

IP Rate : IP 55

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
coating filtre: ABS

IP Rate : IP 55

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 : IP 54

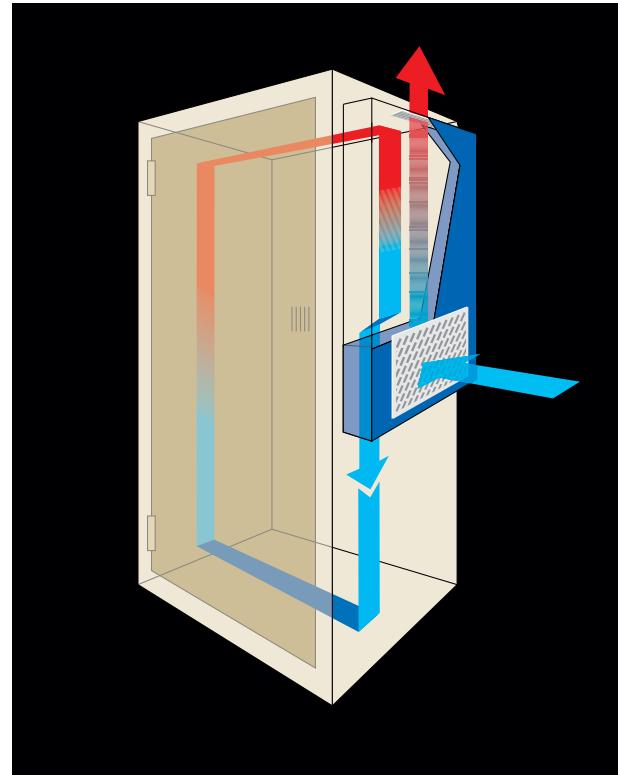
Used Fan : EBM PAPST

- Used in 230V AC.
- It ejects the heated air inside of the enclosure coming from vertical angle to horizontal angle. From the reason type of fan which ejects the air with horizontal angle, the counterpressure is at the minimum 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 temperature 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/saat | 58 W |
| 982.203 | 970 m³/saat | 85 W |

WALL-MOUNTED AIR-CONDITIONERS



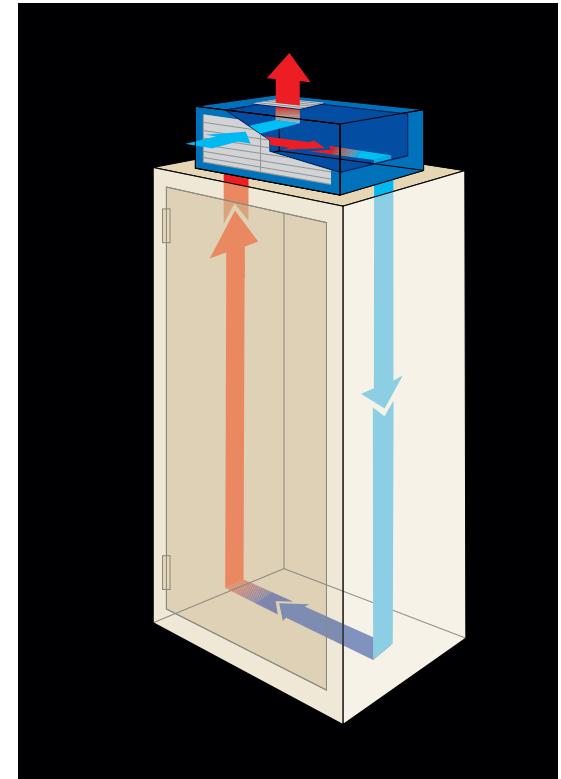
- 230 V products are in stock. Please contact our customer service for 115 V or 400 V product demands.
- Please contact our customer service for your UL version product demands.

AIR CONDITIONER SIZES (mm)

| PRODUCT CODE | COOLING CAPACITY (W) | POWER SUPPLY V-ph-Hz | WIDTH | HEIGHT | DEPTH | FAN FLOW (m³/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 |

AC / AIR-CONDITIONERS

TOP MOUNTED AIR-CONDITIONERS

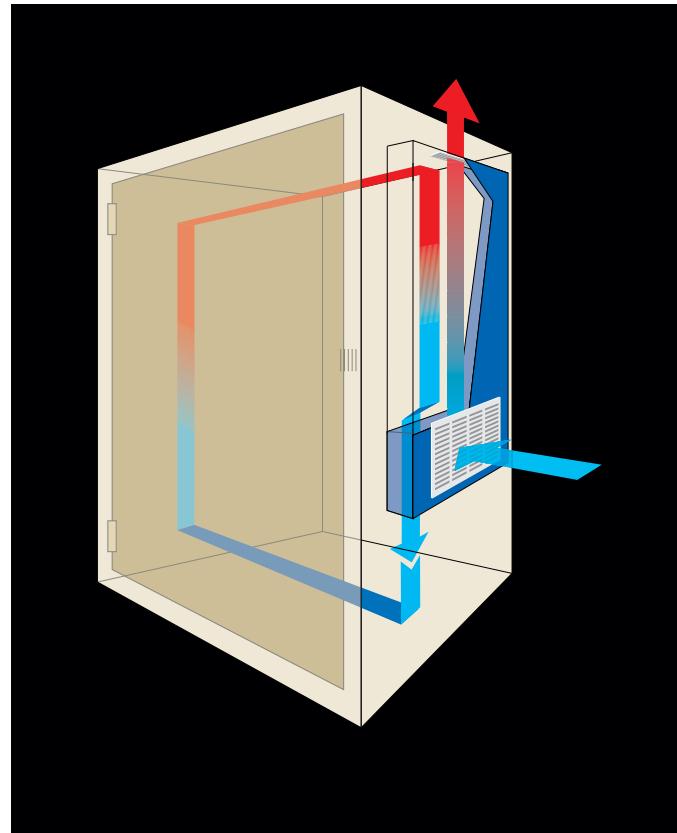


- 230 V products are in stock. Please contact our customer service for 115V or 400V product demands.
- Please contact our customer service for your UL version product demands.

AIR CONDITIONER SIZES (mm)

| PRODUCT CODE | COOLING CAPACITY (W) | POWER SUPPLY V-ph-Hz | WIDTH | HEIGHT | DEPTH | FAN FLOW (m³/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 |

WALL-MOUNTED OUTDOOR AIR-CONDITIONERS



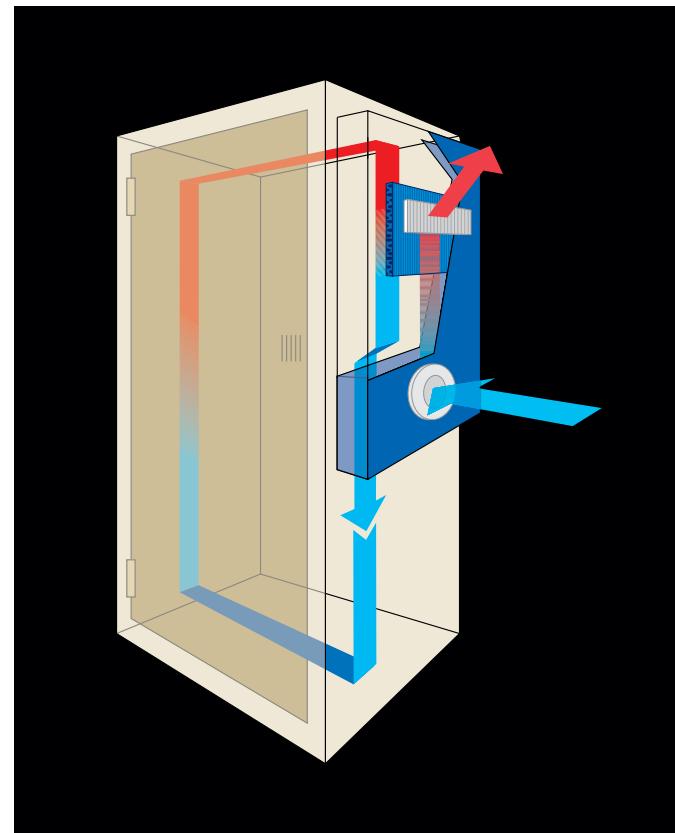
- 230V products are in stock. Please contact our customer service for 115V or 400V product demands.

AIR CONDITIONER SIZES (mm)

| PRODUCT CODE | COOLING CAPACITY (W) | POWER SUPPLY V-ph-Hz | WIDTH | HEIGHT | DEPTH | FAN FLOW (m³/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

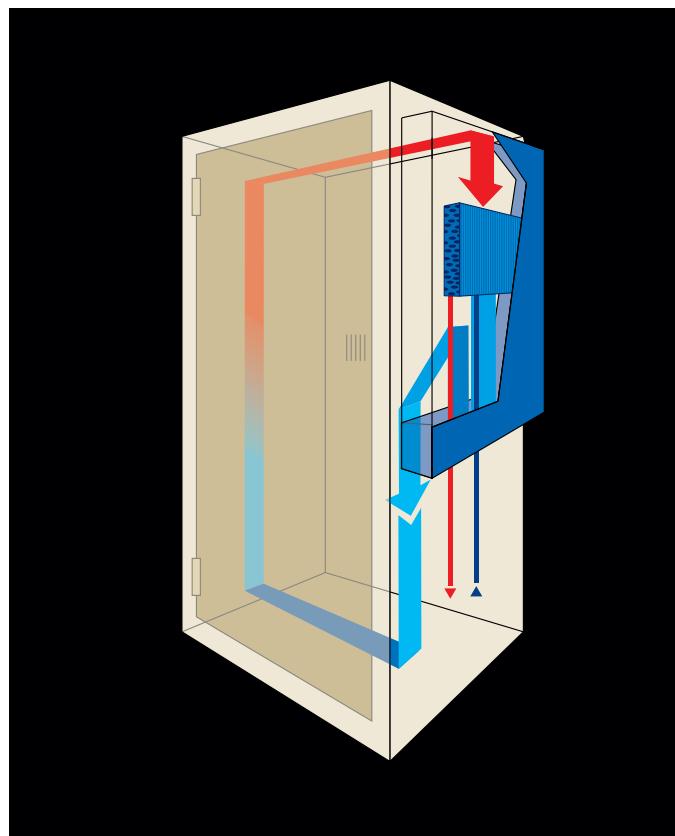
AIR / AIR HEAT EXCHANGERS (INDOOR)



AIR CONDITIONER SIZES (mm)

| PRODUCT CODE | SPECIFIC HEAT TRANSMISSION (W/K) | POWER SUPPLY V-ph-Hz | WIDTH | HEIGHT | DEPTH | FAN FLOW (m³/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 |

**AIR / WATER HEAT EXCHANGERS
(INDOOR)**

AIR CONDITIONER SIZES (mm)

| PRODUCT CODE | COOLING CAPACITY (W) | POWER SUPPLY V-ph-Hz | WIDTH | HEIGHT | DEPTH | FAN FLOW (m³/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 : Elokal aliminium profile
Body temperature : 75-130 °C
IP Rate : IP 20
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 : Elokal aliminium profile
Body temperature : 120 °C
IP Rate : IP 20
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.

| PRODUCT CODE | POWER (W) | BODY HEAT | HEATER SIZE (mm) | | |
|--------------|-----------|-----------|------------------|--------|-------|
| | | | WIDTH | HEIGHT | DEPTH |
| 984.101 | 300-600 | 120 | 82 | 180 | 110 |

THERMAL CONTROL PRODUCTS

FAN THERMOSTATE



Sensor device : Bimetallic thermostatate

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 thermostatate

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 thermostatate

IP Rate : IP20

Product Code : **983.013** (1 pcs)

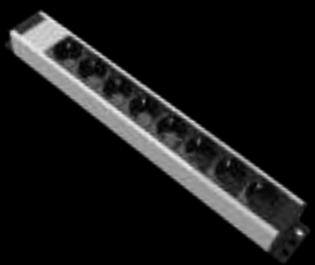
- In line with the CE norms.
- Mounting on 35mm DIN rail.
- 2,5mm² combination.
- Both open and closed switch (NO/NC)
- For simultaneous cooling and heating applications.
- 110-230 V AC/DC





LIGHTING ACCESSORIES

248



GROUP POWER SOCKETS

250



LOCK ACCESSORIES

252



MOUNTING ACCESSORIES

254



LED LIGHT ENCLOSURE LAMP (SCREWED/TYPE)

- 230V AC 6W
- 2 pcs of socketed plugs+switch cable

Product Code : 901.110



LED LIGHT ENCLOSURE LAMP (MAGNETIC/TYPE)

- 230V AC 6W
- 2 pcs of socketed plugs+switch cable

Product Code : 901.120



LED LIGHT ENCLOSURE LAMP (FLAT /TYPE)

- 230V AC 8W

Product Code : 901.130 - 5W
901.140 - 7W

LIGHTING ACCESSORIES



DOOR LAMP SWITCH

- 230V, 3A, IP65 protection
- Without cable

Reference number: 902.110 (1 pcs)

REQUIRED : Switch bracket is needed for the switch mounting.
Please see page 179



DOOR LAMP SWITCH (MINI SWITCH)

- 230V
- Without cable

Product Code : 902.100 (1 pcs)

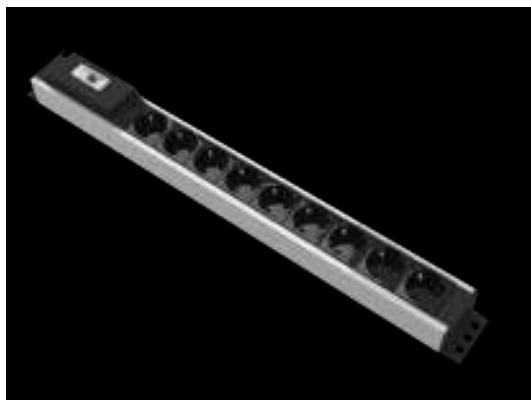
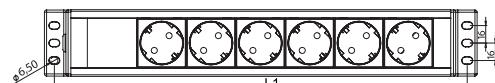
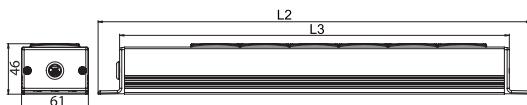




GROUP POWER SOCKETS (STANDARD)

- The sockets fixes into aluminium inlet
- 230V AC, 10/16A
- Earthed socket constructs
- 2 meter 3x1,5 TTR cable and plug
- Place contact with our customer service as to you special requirements

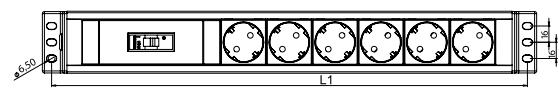
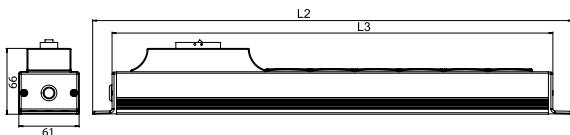
| Product Code | OUTPUT SOCKET Qty. | SOCKET TYPE | 19" COMPATIBILITY | L1 (mm) | L2 (mm) | L3 (mm) |
|--------------|--------------------|-------------|-------------------|---------|---------|---------|
| 990.200 | 6 | Network | | 375 | 393 | 354 |
| 990.201 | 7 | Network | | 420 | 438 | 399 |
| 990.202 | 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 constructs
- 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 |



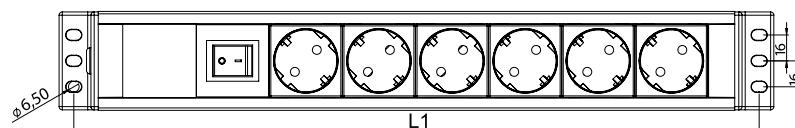
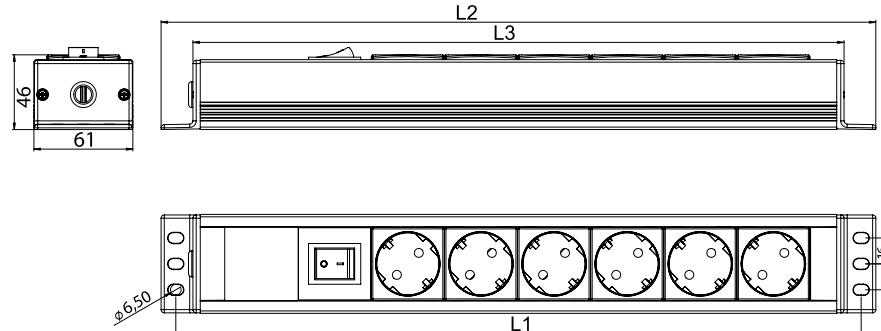
GROUP POWER SOCKETS



GROUP POWER SOCKETS (WITH SWITCH)

- The sockets fixes into aluminium inlet
- 230V AC 10/16A
- ON/OFF switch
- Earthed socket constructs
- 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 |





PLASTIC HANDLE LOCK

- Double-bit is standard.
- For Ares series enclosures

Product Code : 951.104 (1 pcs)



CAM LOCK

- Double-bit is standard.
- For Dm series enclosures.

Reference number: 951.100 (1 pcs)



METAL SPRING LOCK

- Made from zinc, double-bit insert.

Product Code : 951.200 (1 pcs)

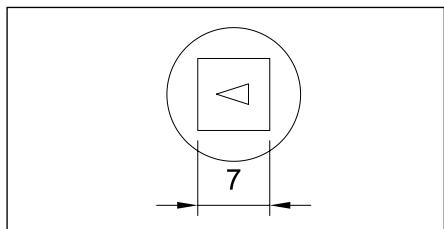
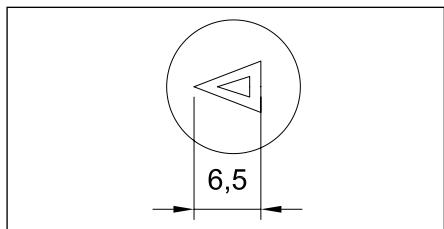


HANDLE LOCK

- Made from zinc

Product Code : 951.205 (1 pcs)

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)



TERMINAL / MCB 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)

MOUNTING ACCESSORIES



WALL BRACKET

Relevance : Ares

Material : 2,50 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



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**

MOUNTING ACCESSORIES



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



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

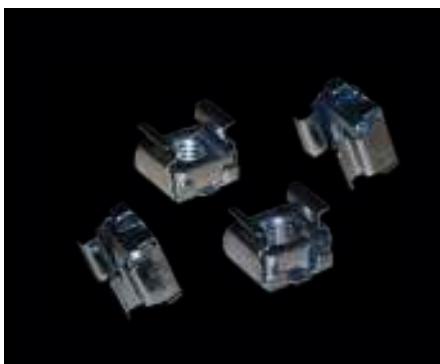
Product Code : 993.106 (100 pcs)



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 overtightening.

Product Code : 993.322 (16 pcs)

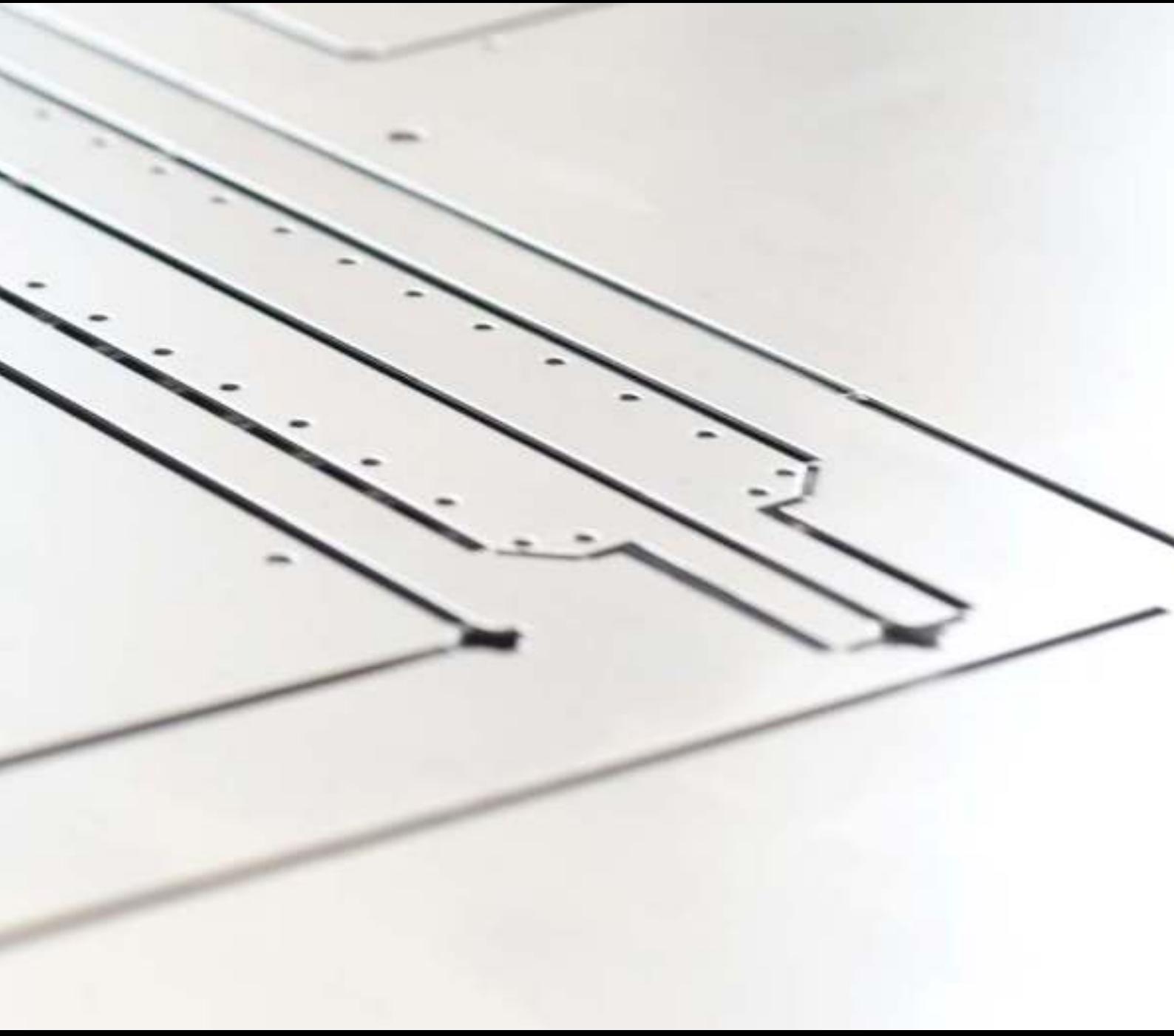


M12 x 30 SCREW and WASHER SET

- It is used in enclosure baying and fitting on plinth

Supply includes : 4 pcs screw and washer

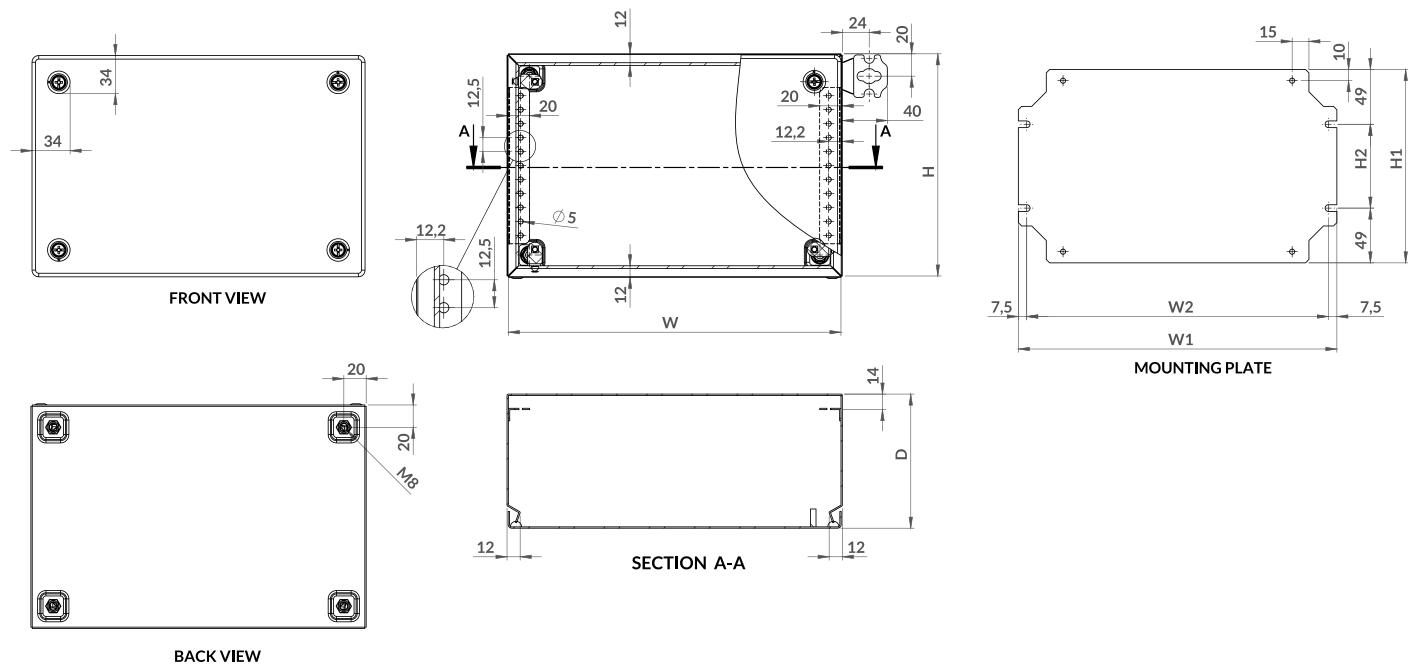
Product Code : 993.108 (4 set)



Durability

The enclosures have been designed by experienced engineers for ease of use and durability.

KT TERMINAL BOX

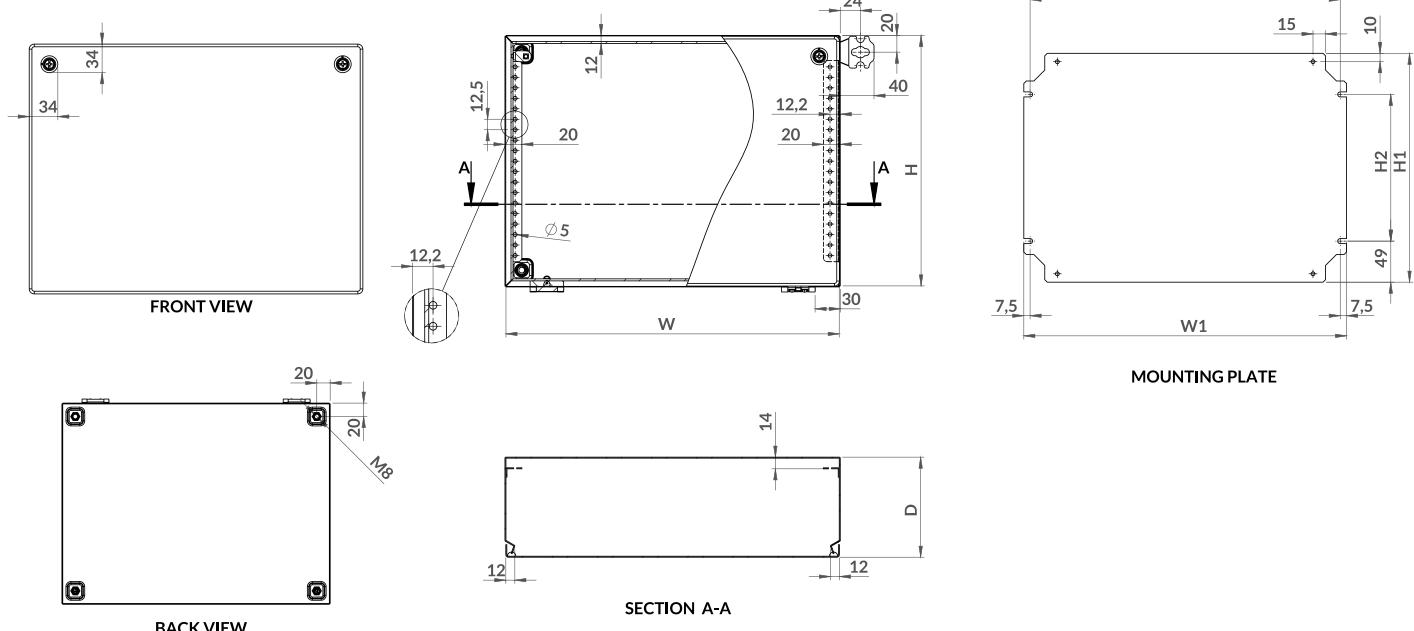


| ENCLOSURE WIDTH (W) | W1 | W2 | ENCLOSURE HEIGHT (H) | H1 | H2 | ENCLOSURE DEPTH (D) |
|---------------------|-----|-----|----------------------|-----|-----|---------------------|
| 150 | 135 | 120 | 150 | 123 | 25 | 80 |
| 200 | 185 | 170 | 200 | 173 | 75 | |
| 300 | 285 | 270 | 300 | 273 | 175 | 120 |
| 400 | 385 | 370 | 400 | 373 | 275 | |
| 500 | 485 | 470 | | | | |
| 600 | 585 | 570 | | | | |
| 800 | 785 | 770 | | | | |

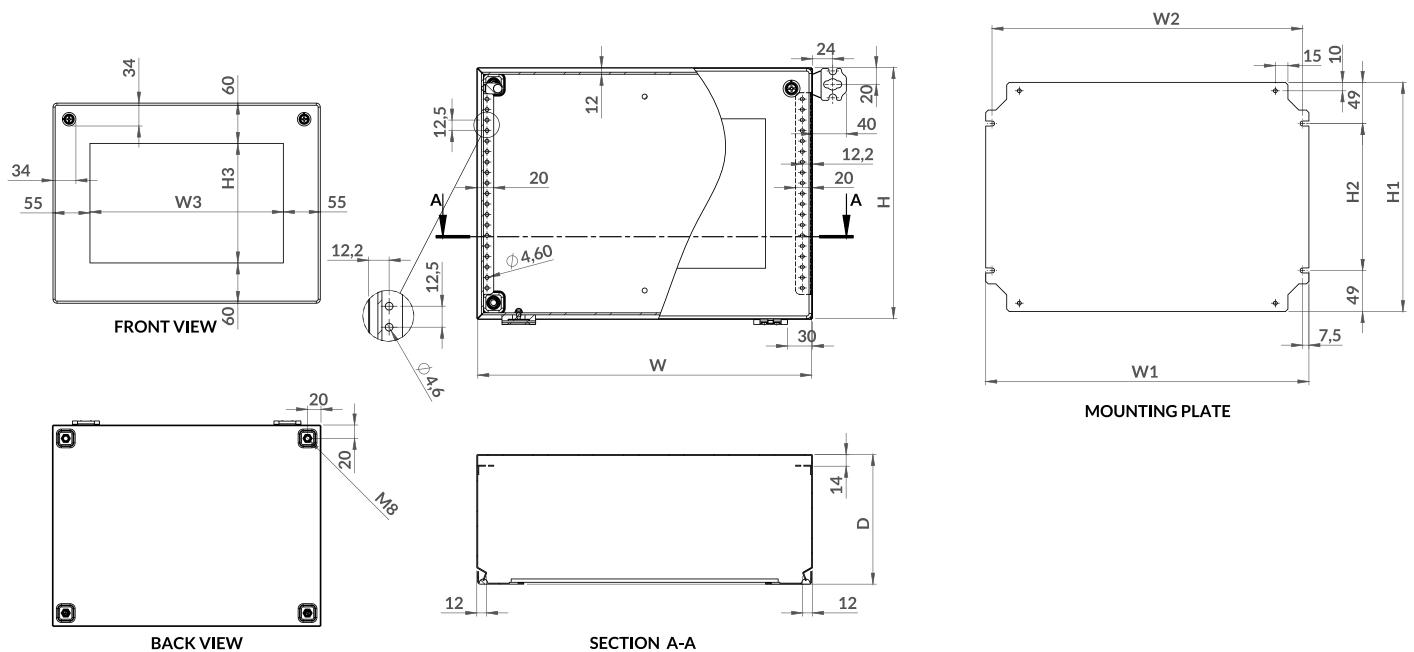
TECHNICAL DRAWINGS

KT BUS BOX

KT SOLID DOOR BUS BOX

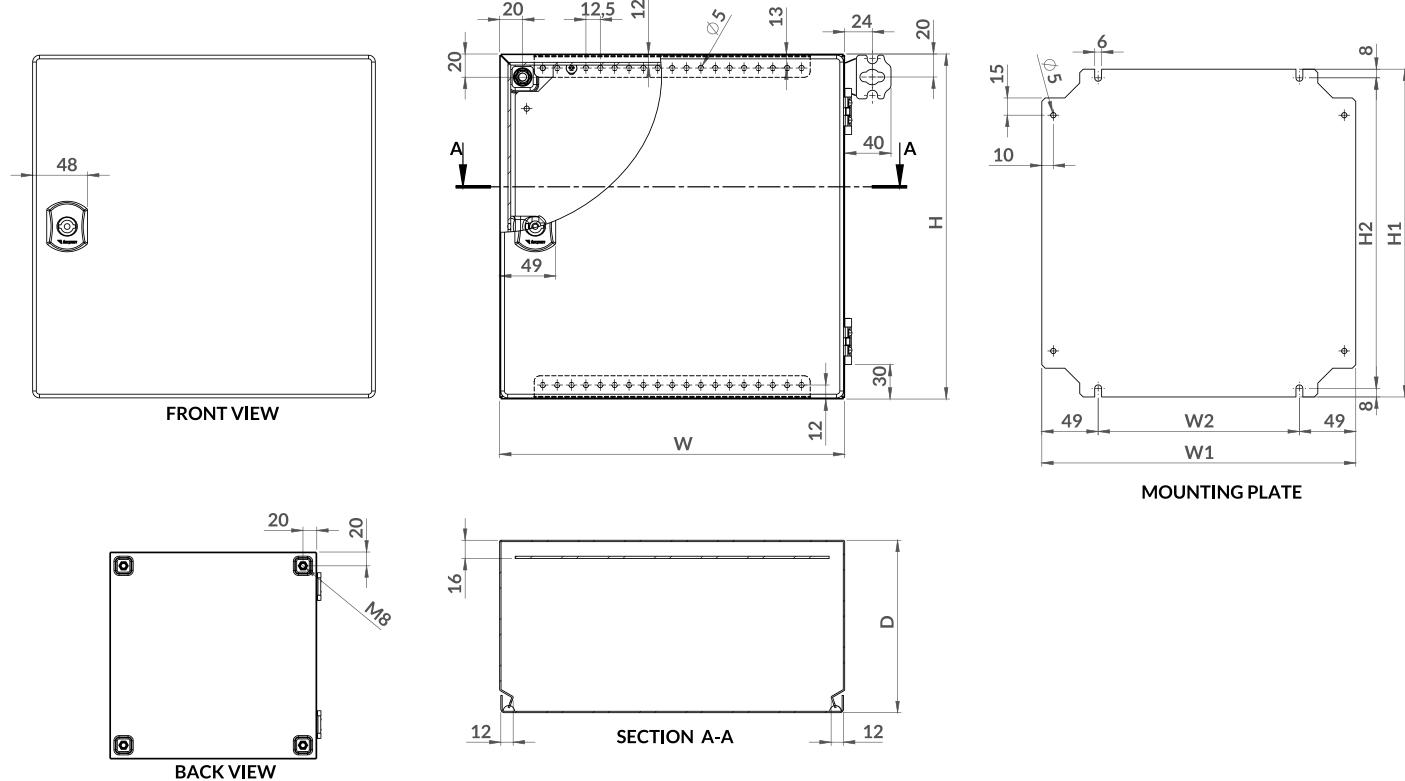


KT GLAZED DOOR BUS BOX



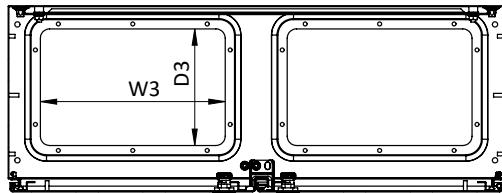
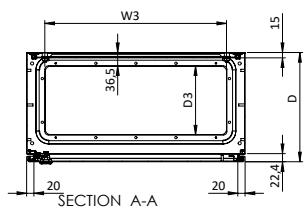
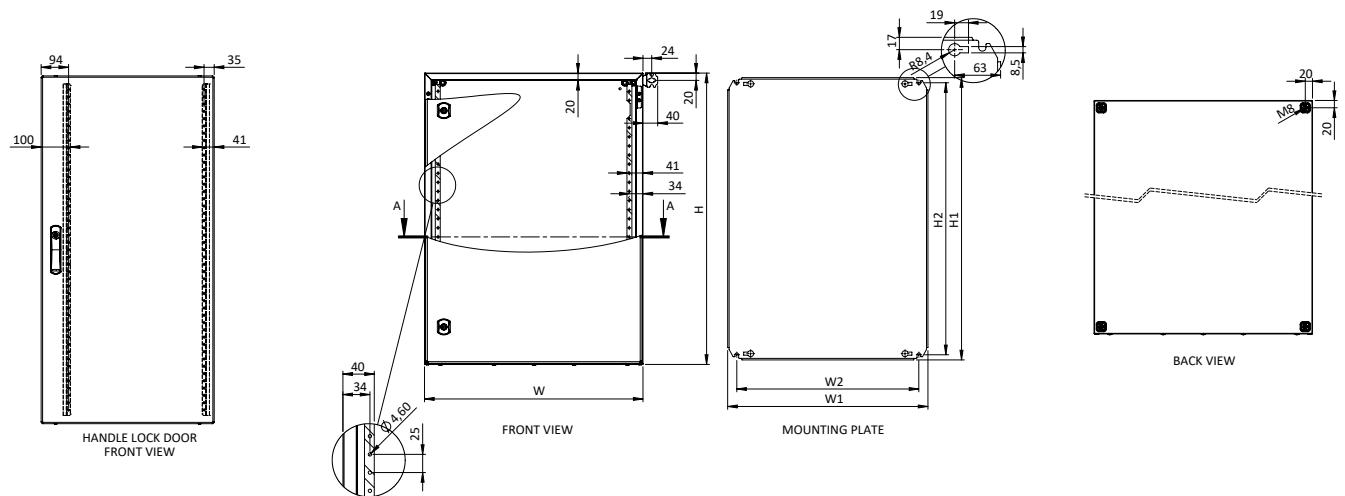
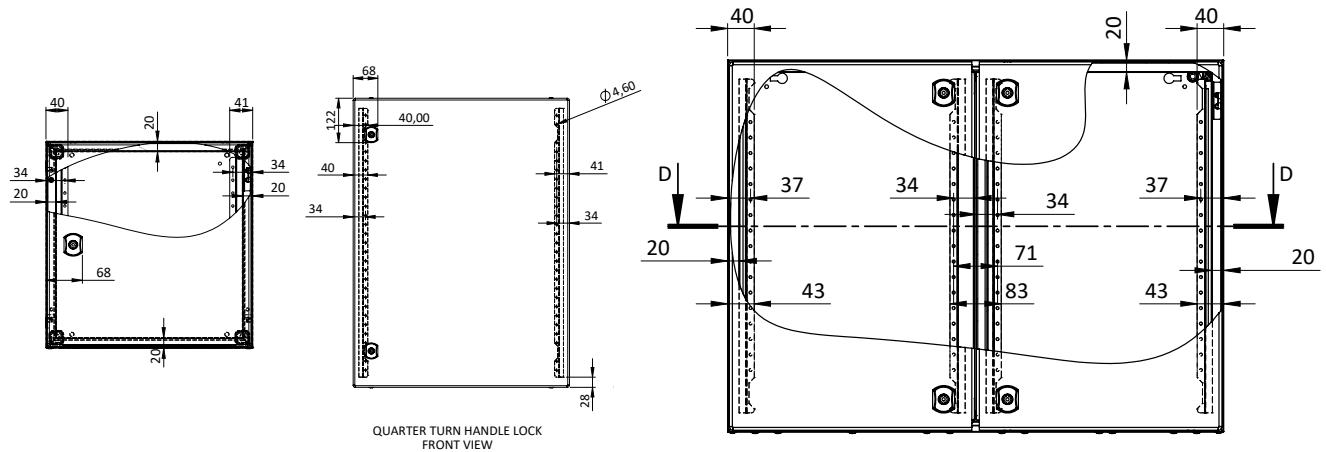
| ENCLOSURE WIDTH (W) | W1 | W2 | W3 | ENCLOSURE HEIGHT (H) | H1 | H2 | H2 | ENCLOSURE DEPTH (D) |
|---------------------|-----|-----|-----|----------------------|-----|----|-----|---------------------|
| 400 | 385 | 370 | 288 | 200 | 173 | 25 | 78 | 155 |
| 600 | 585 | 570 | 488 | 300 | 273 | 75 | 178 | |
| 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 | |
| 250 | 235 | 125 | 250 | 223 | 220 | 150 |
| 300 | 285 | 175 | 300 | 273 | 270 | |
| 400 | 385 | 275 | 400 | 373 | 370 | - |

DM-MEDIUM SOLID DOOR ENCLOSURE



SECTION D-D

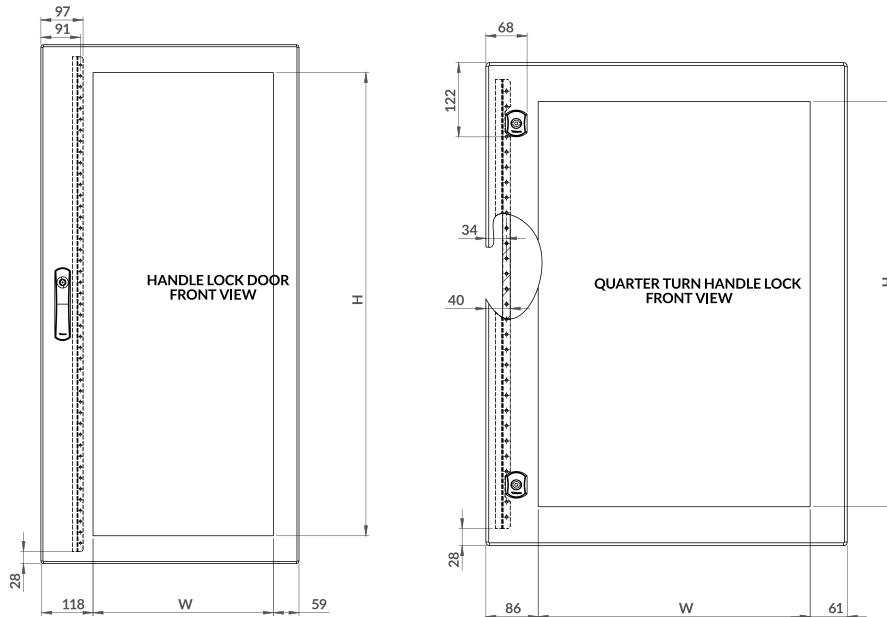
DM-MEDIUM DOUBLE-DOOR ENCLOSURE

| 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 |

TECHNICAL DRAWINGS

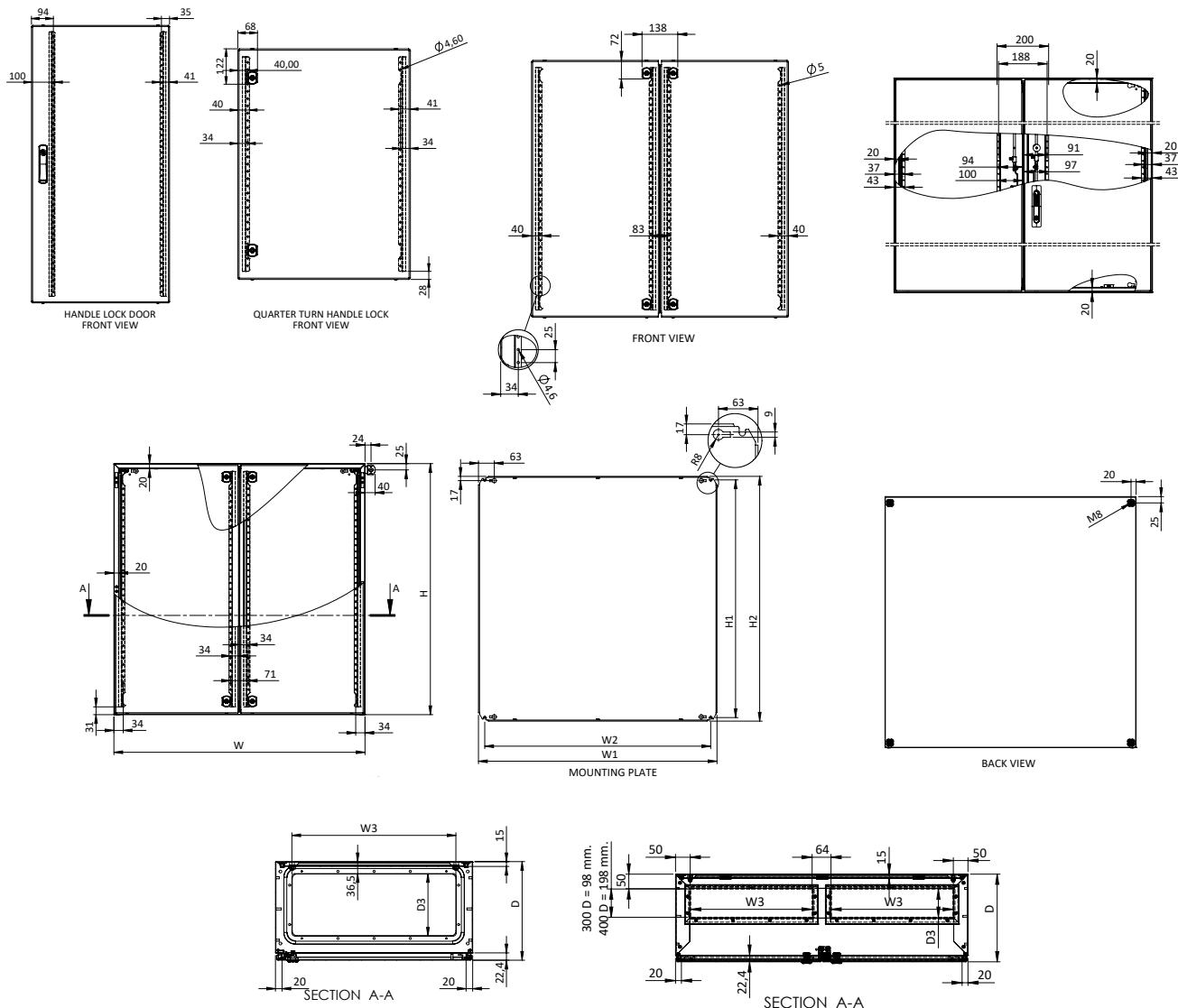
DM-MEDIUM GLAZED DOOR ENCLOSURE



| 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 |

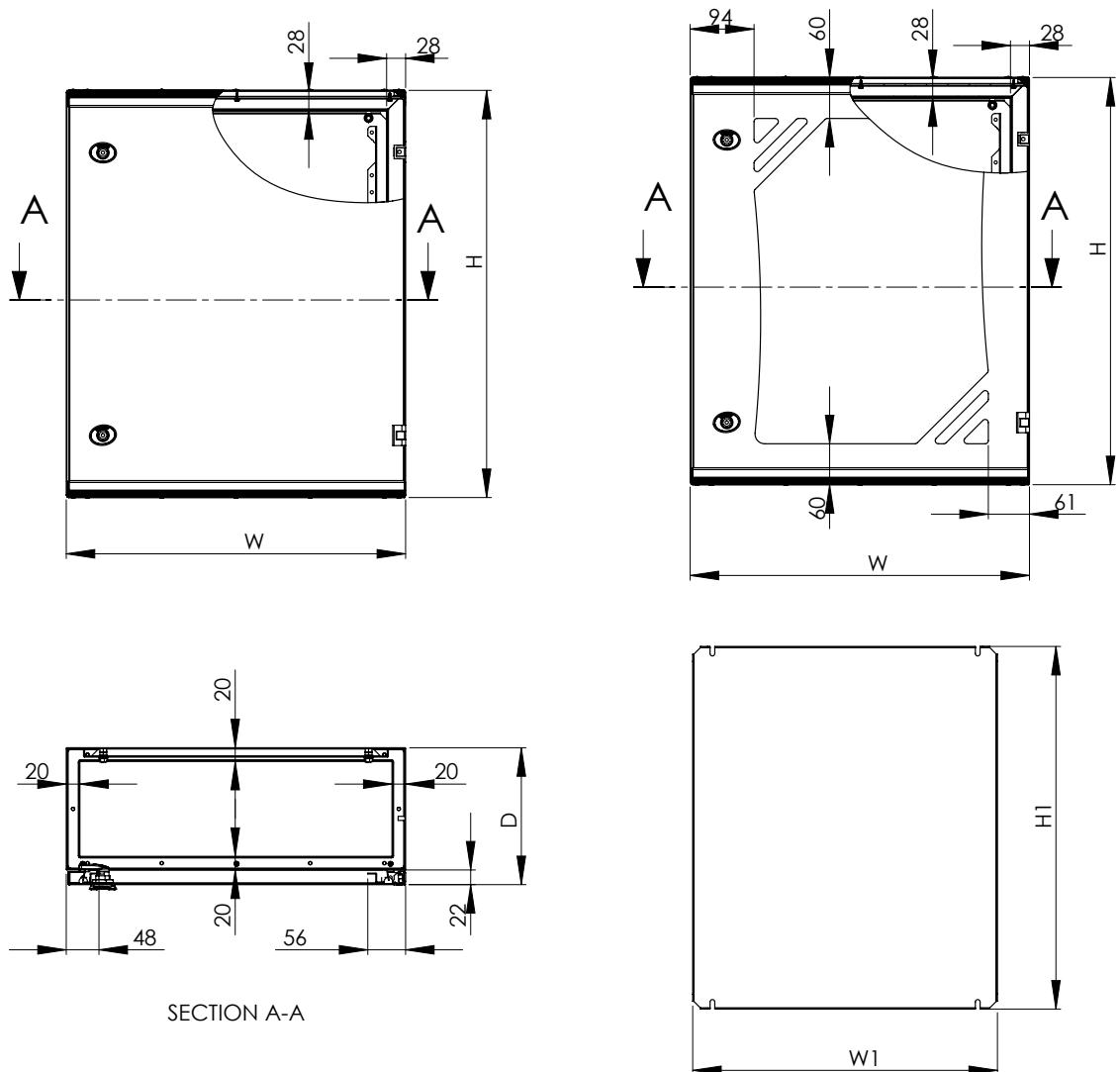
| DM-MEDIUM GLAND PLATE CUT-OUT DIMENSIONS | | | |
|--|---------|---------|------------------------|
| ENCLOSURE WIDTH (W) x DEPTH (D) | W3 (mm) | D3 (mm) | NUMBER OF GLAND PLATES |
| 400x210 | 300 | 115 | 1 |
| 400x260 | 300 | 115 | 1 |
| 400x300 | 300 | 190 | 1 |
| 500x210 | 400 | 115 | 1 |
| 500x260 | 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 | |
| 1200 | 1150 | 1100 | 1400 | 1375 | 1347 | 400 |

| DM-LARGE GLAND PLATE CUT-OUT DIMENSIONS | | | |
|---|---------|---------|------------------------|
| ENCLOSURE WIDTH (W) x DEPTH (D) | W3 (mm) | D3 (mm) | NUMBER OF GLAND PLATES |
| 600x400 | 500 | 199 | 1 |
| 800x400 | 700 | 199 | 1 |
| 1000x300 | 418 | 99 | 2 |
| 1000x 400 | 418 | 199 | 2 |
| 1200x300 | 518 | 99 | 2 |
| 1200x400 | 518 | 199 | 2 |

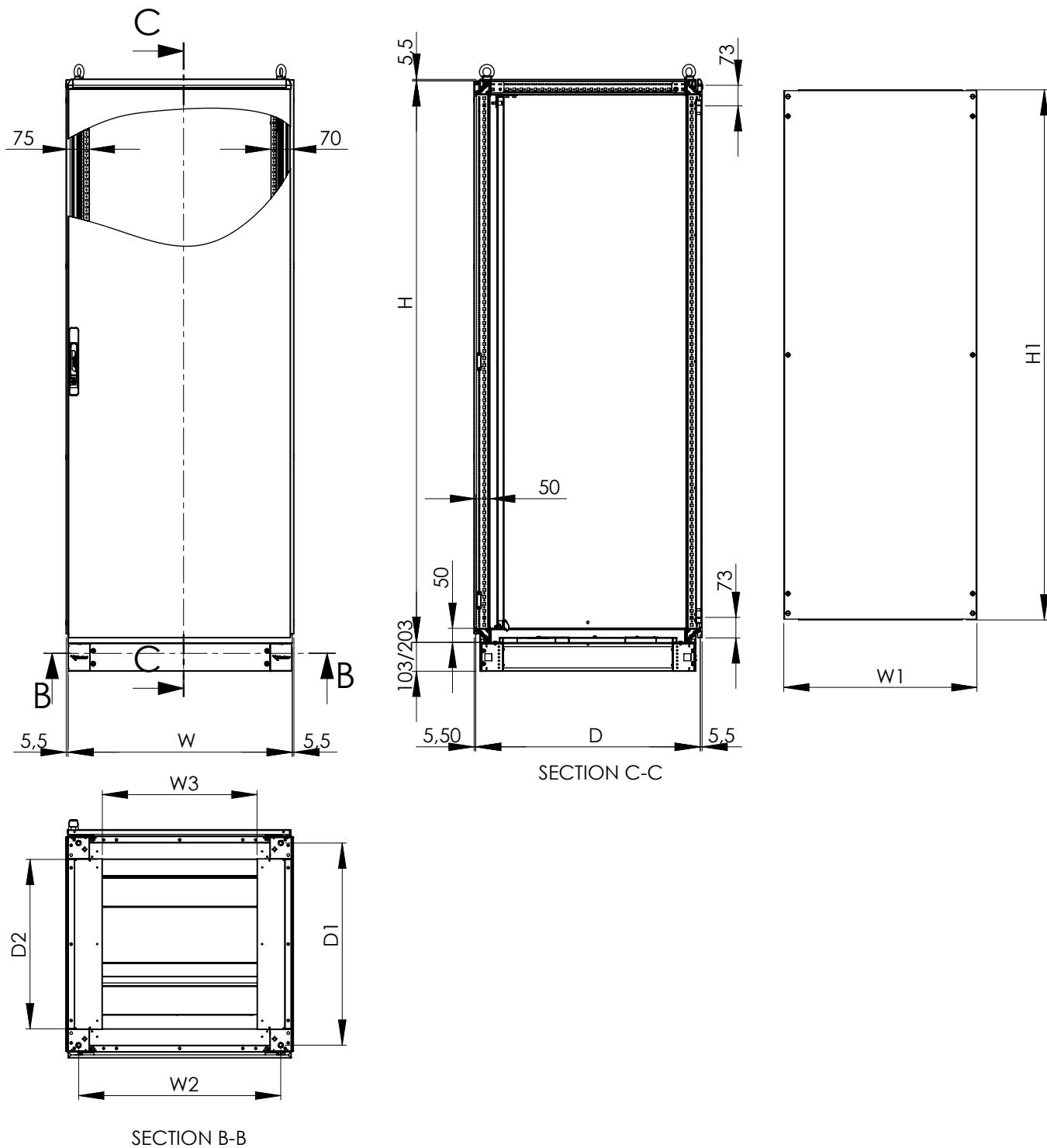


| ENCLOSURE WIDTH | W | W1 |
|-----------------|-----|-----|
| 300 | 300 | 249 |
| 400 | 400 | 349 |
| 500 | 500 | 449 |
| 600 | 600 | 549 |
| 800 | 800 | 749 |

| 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

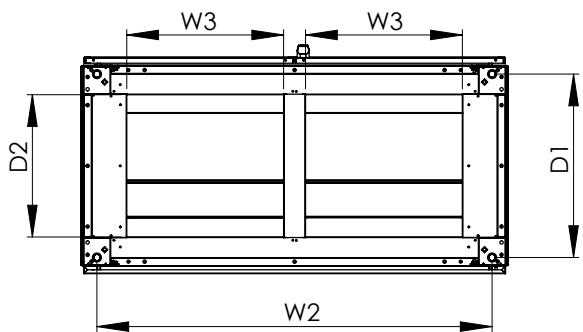
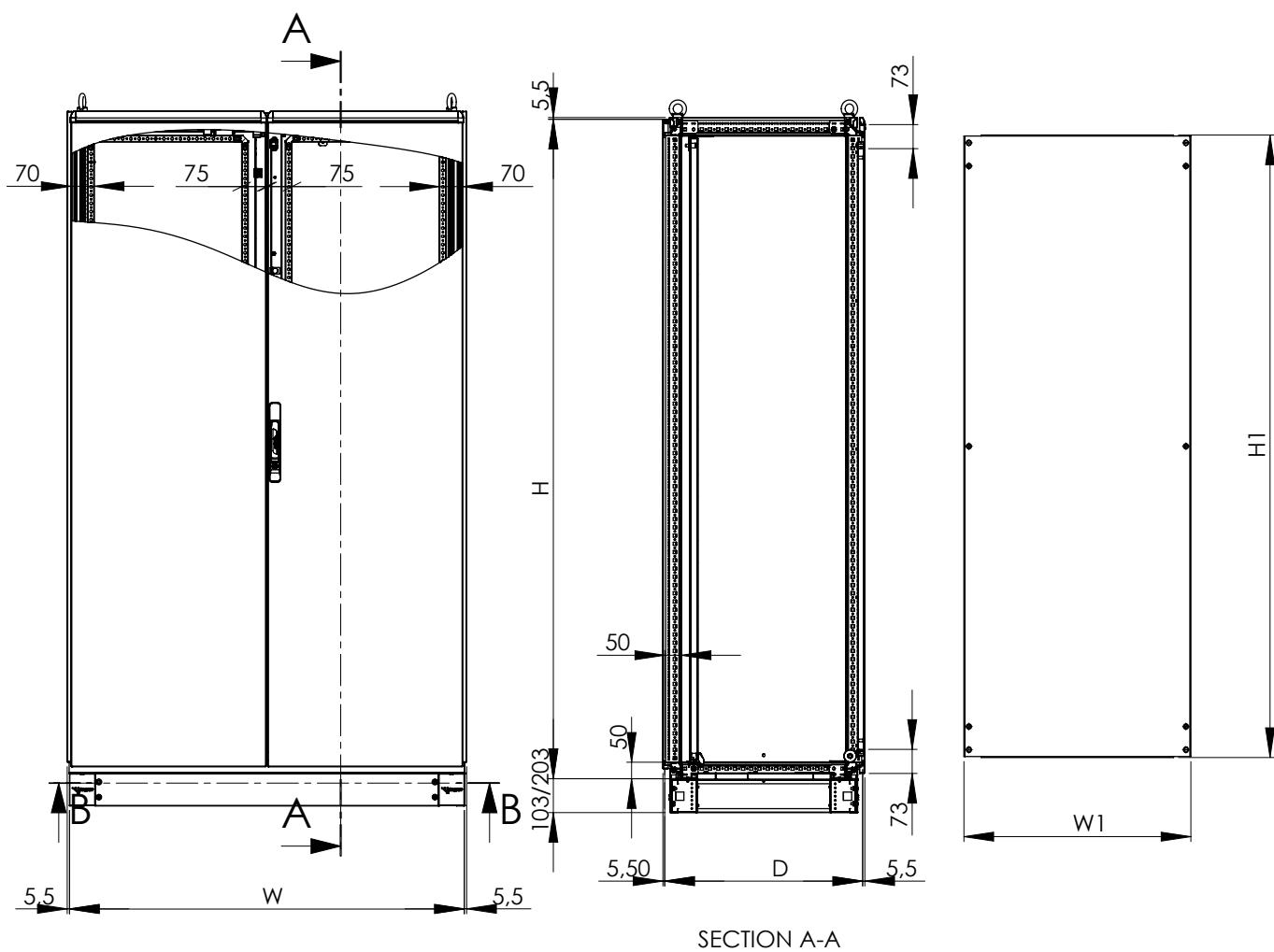


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|------|---------|
| 400 | 400 | - | 320 | 151 |
| 500 | 500 | 388 | 420 | 251 |
| 600 | 600 | 488 | 520 | 351 |
| 700 | 700 | 588 | 620 | 451 |
| 800 | 800 | 688 | 720 | 551 |
| 1000 | 1000 | 888 | 920 | 444,5x2 |
| 1200 | 1200 | 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



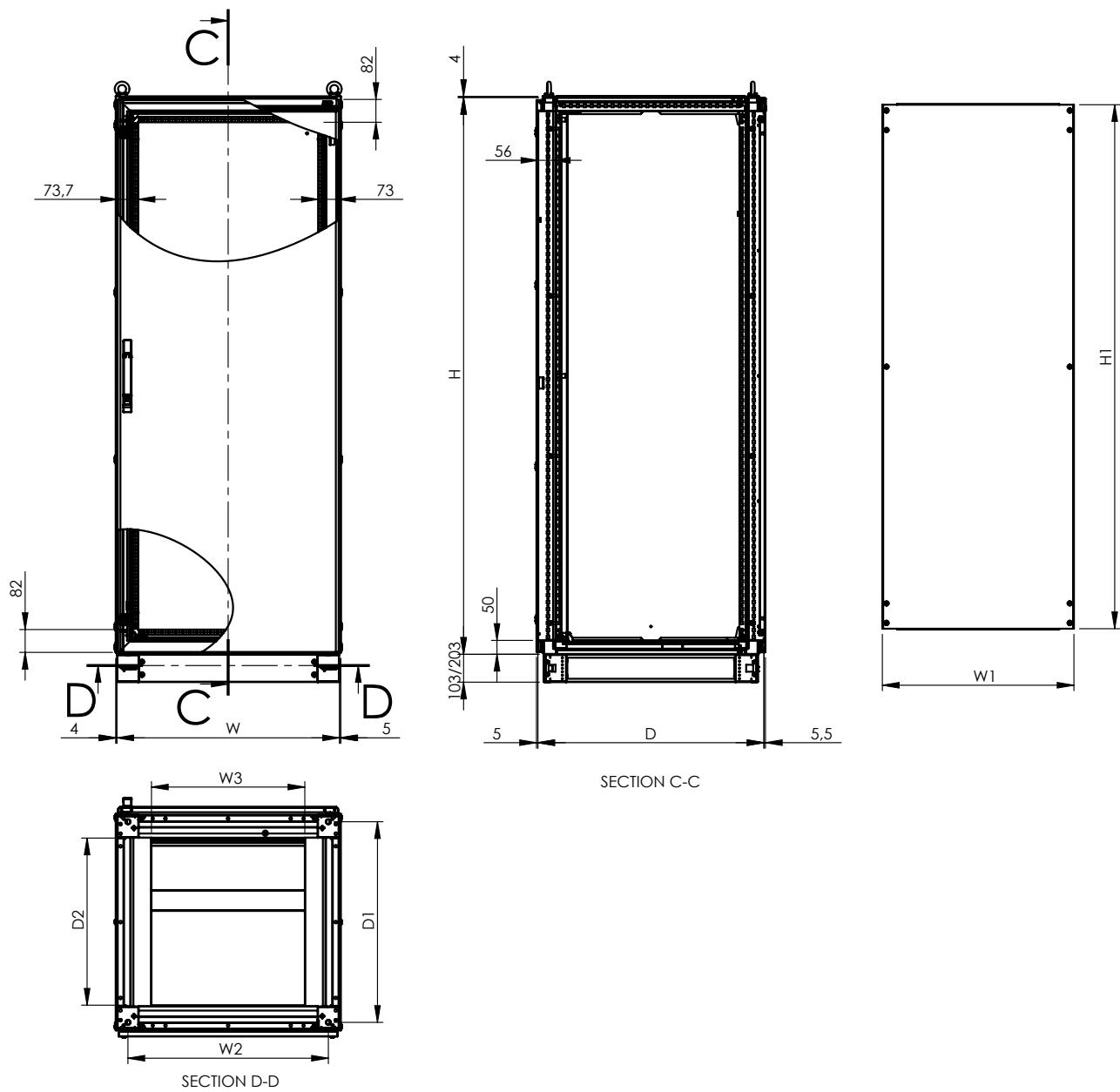
SECTION B-B

| 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

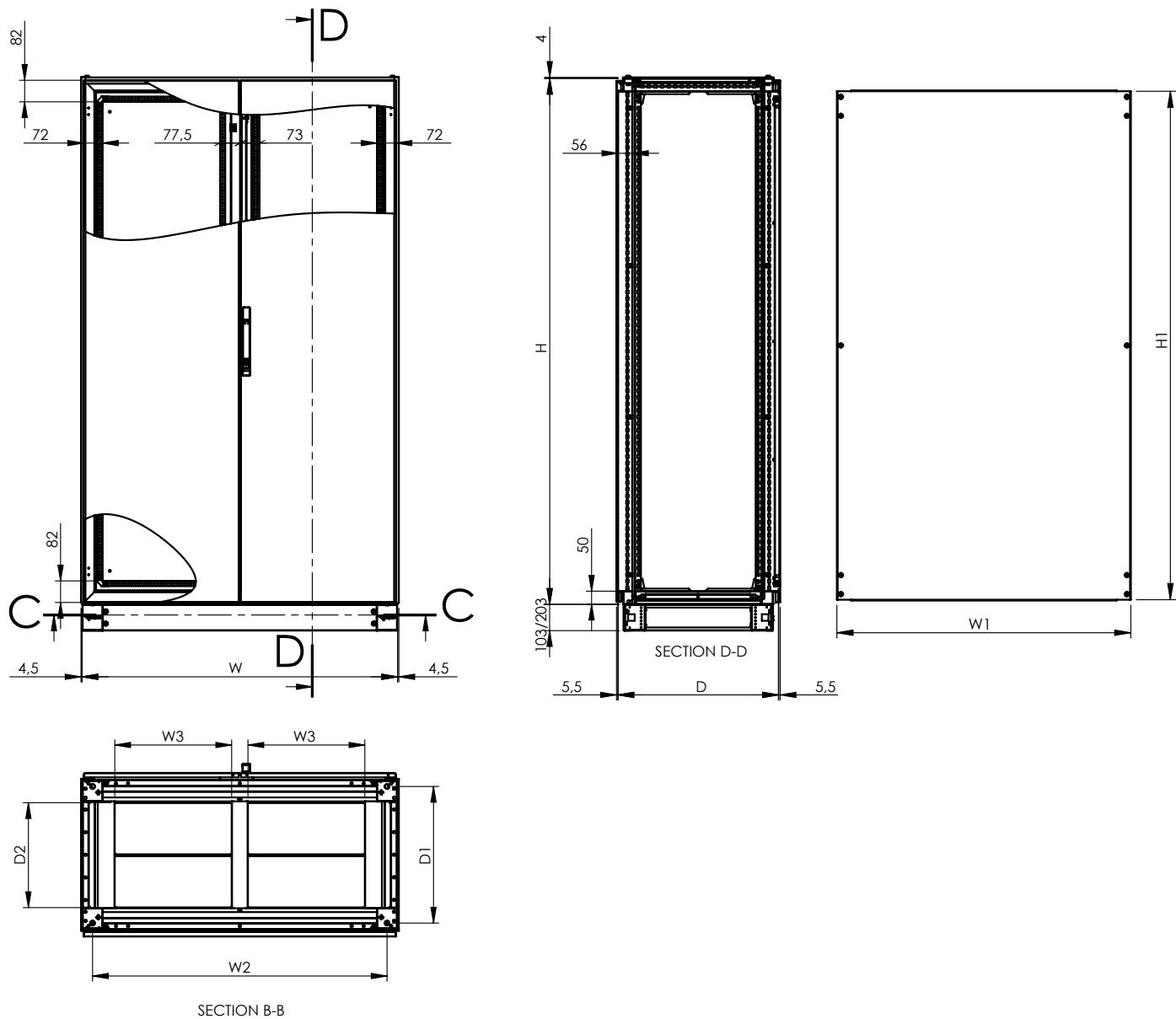


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|------|---------|
| 400 | 400 | - | 320 | 151 |
| 600 | 600 | 488 | 520 | 351 |
| 800 | 800 | 688 | 720 | 551 |
| 1000 | 1000 | 888 | 920 | 344,5x2 |
| 1200 | 1200 | 1088 | 1120 | 544,5x2 |

| 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

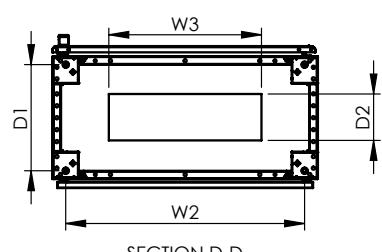
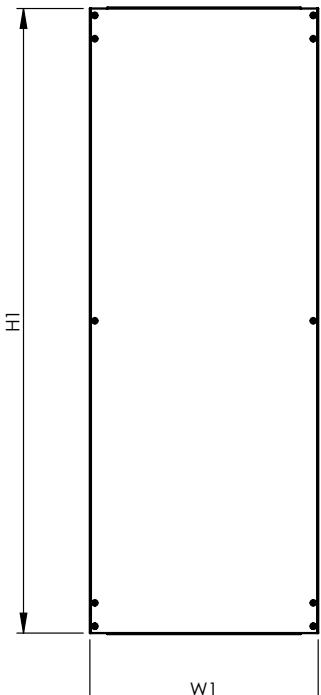
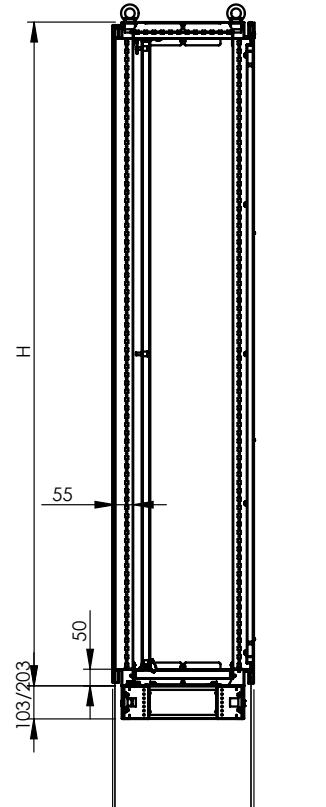
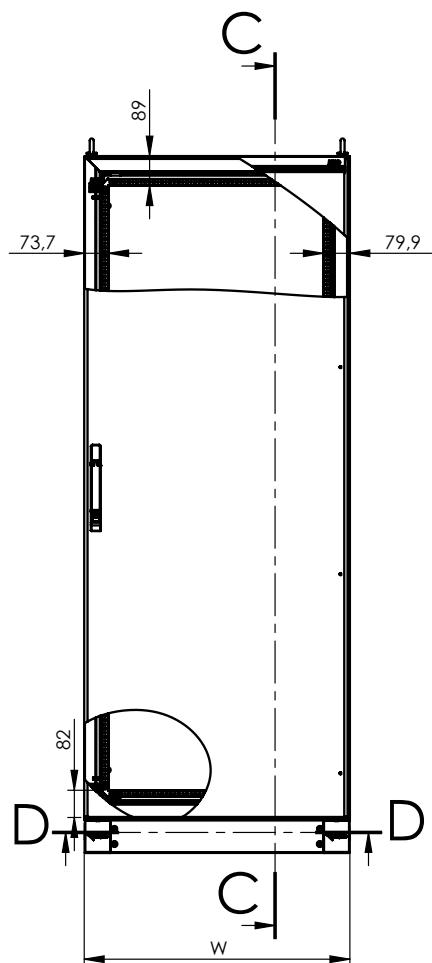


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|------|---------|
| 400 | 400 | - | 320 | 151 |
| 600 | 600 | 488 | 520 | 351 |
| 800 | 800 | 688 | 720 | 551 |
| 1000 | 1000 | 888 | 920 | 344,5x2 |
| 1200 | 1200 | 1088 | 1120 | 444,5x2 |

| 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

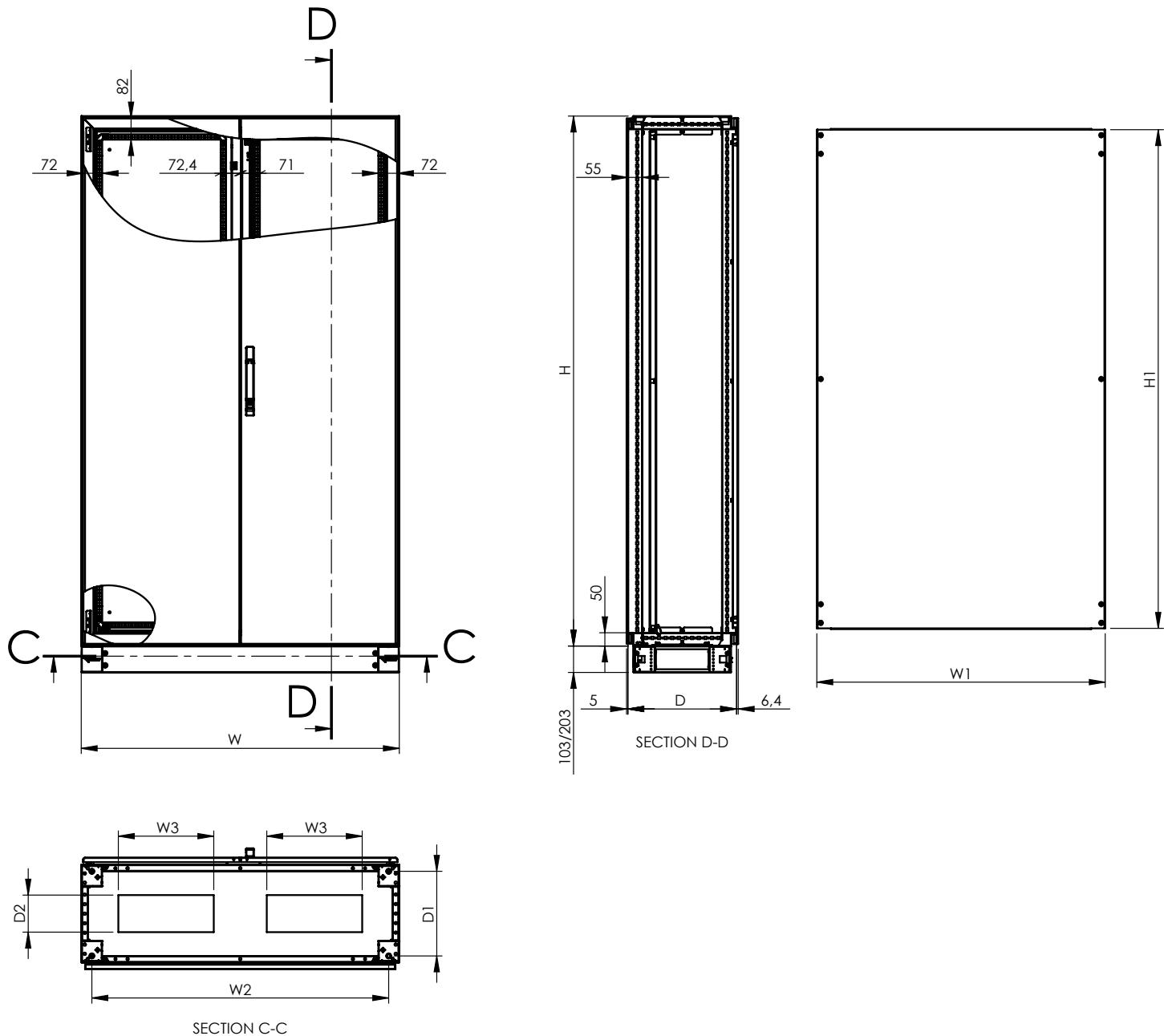


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|------|-------|
| 600 | 600 | 488 | 520 | 260 |
| 800 | 800 | 688 | 720 | 460 |
| 1000 | 1000 | 888 | 920 | 260x2 |
| 1200 | 1200 | 1088 | 1120 | 360x2 |

| 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

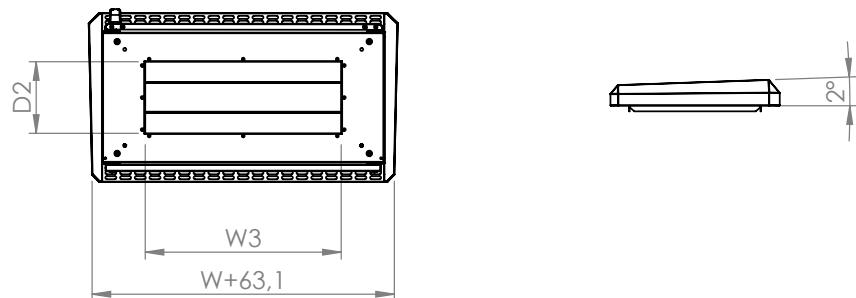
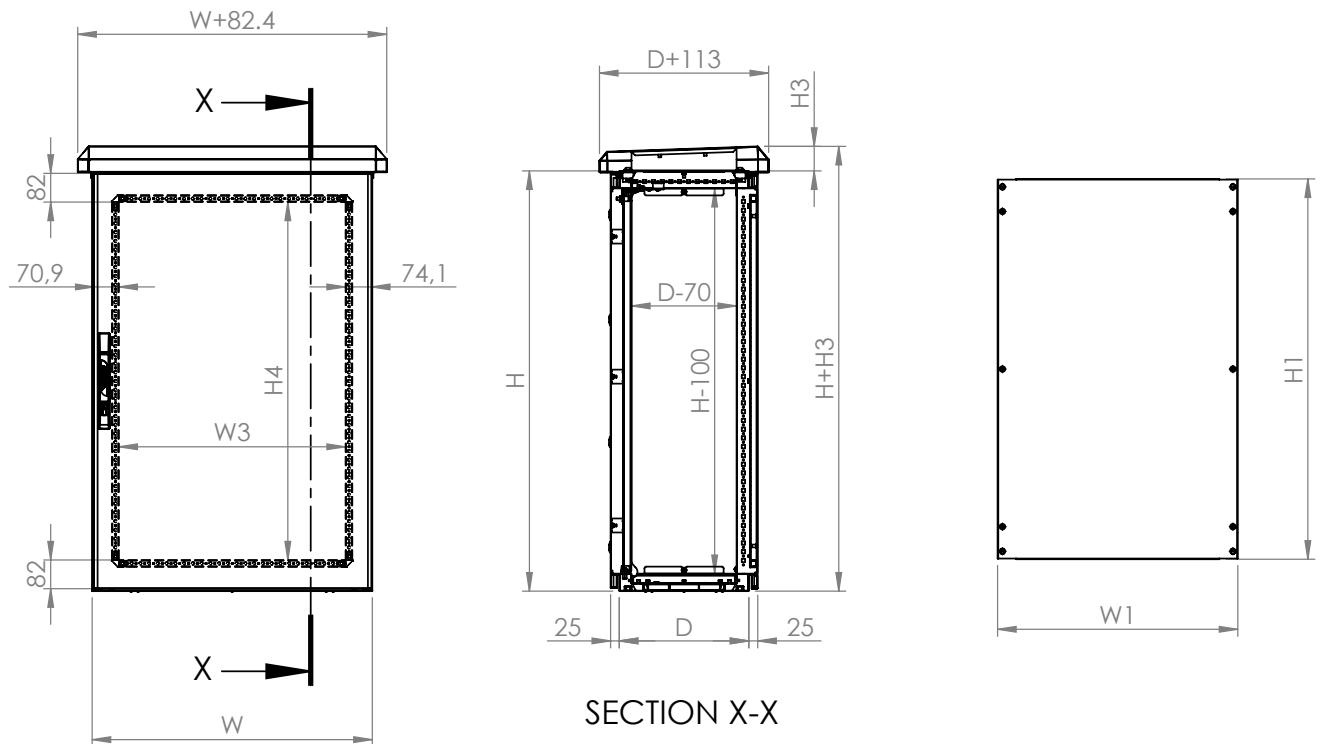


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|------|-------|
| 600 | 600 | 488 | 520 | 351 |
| 800 | 800 | 688 | 720 | 551 |
| 1000 | 1000 | 888 | 920 | 260x2 |
| 1200 | 1200 | 1088 | 1120 | 360x2 |

| 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)



| ENCLOSURE WIDTH | W1 | W2 | W3 |
|-----------------|------|------|-----|
| 600 | 600 | 488 | 447 |
| 800 | 800 | 688 | 647 |
| 1200 | 1200 | 1088 | 447 |

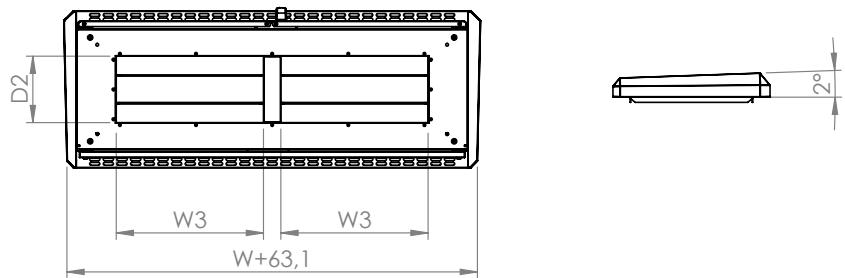
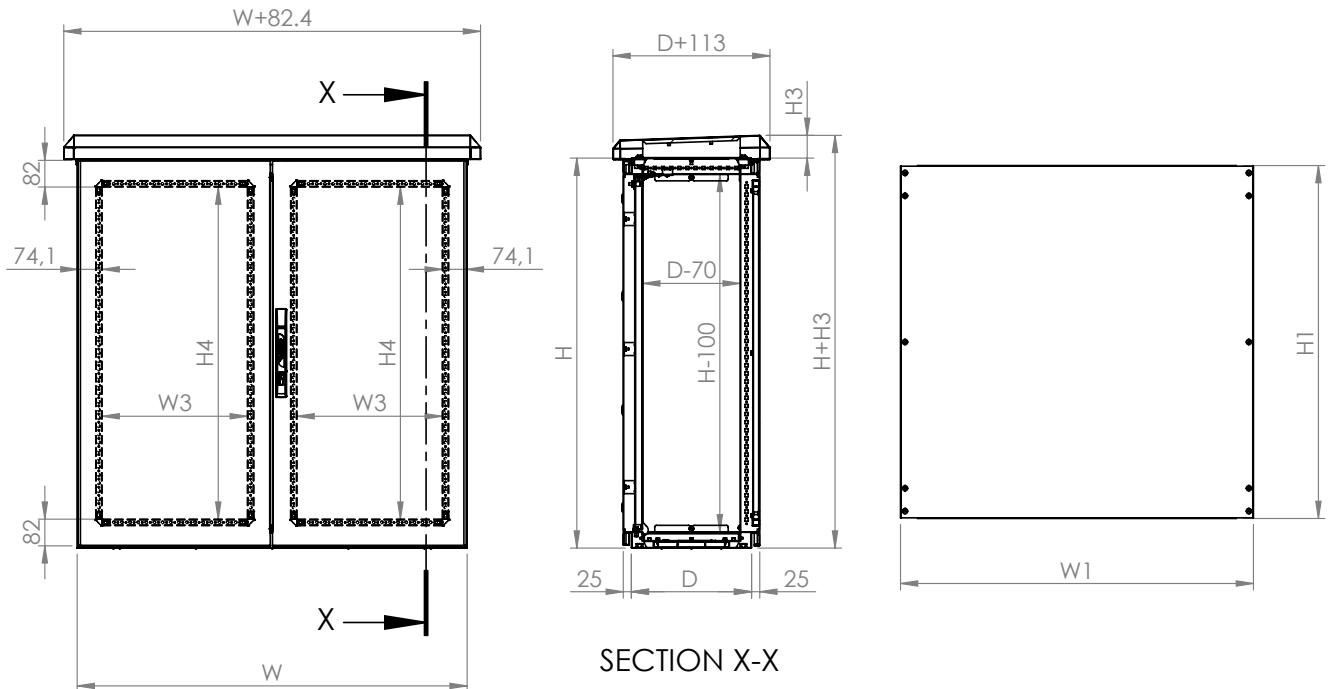
| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-------|
| 400 | 370 | 204,4 |
| 600 | 570 | 404,4 |

| ENCLOSURE HEIGHT | H | H1 | H4 |
|------------------|------|------|------|
| 1200 | 1200 | 1088 | 1222 |

| ENCLOSURE DEPTH | H3 |
|-----------------|----|
| 400 | 70 |
| 600 | 77 |

TECHNICAL DRAWINGS

NEO HC MONOBLOCK SERIES DOUBLE DOOR (CLOSED SIDE)



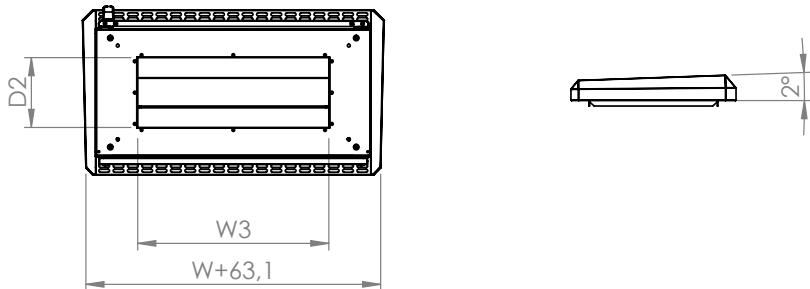
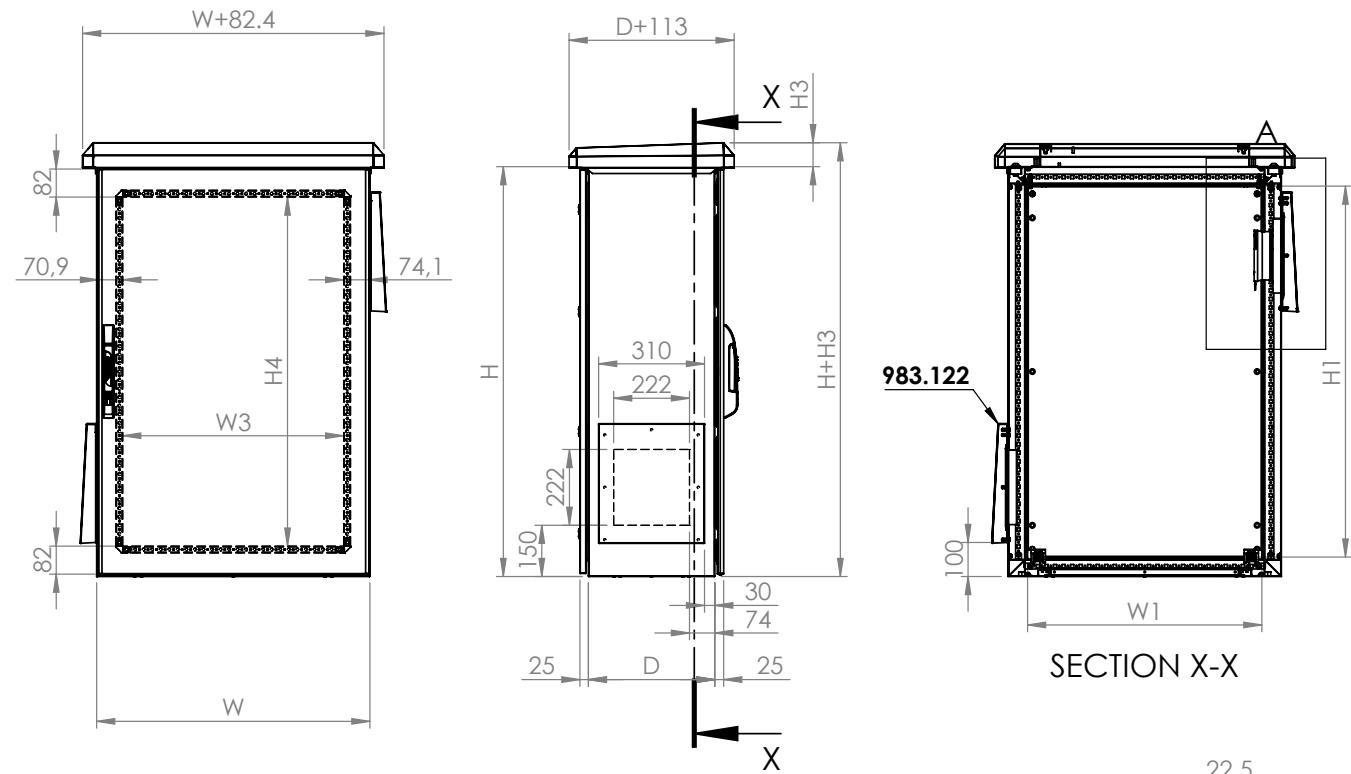
| ENCLOSURE WIDTH | W1 | W2 | W3 |
|-----------------|------|------|-----|
| 600 | 600 | 488 | 447 |
| 800 | 800 | 688 | 647 |
| 1200 | 1200 | 1088 | 447 |

| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-------|
| 400 | 370 | 204,4 |
| 600 | 570 | 404,4 |

| ENCLOSURE HEIGHT | H | H1 | H4 |
|------------------|------|------|------|
| 1200 | 1200 | 1088 | 1222 |

| ENCLOSURE DEPTH | H3 |
|-----------------|----|
| 400 | 70 |
| 600 | 77 |

NEO HC MONOBLOCK SERIES SINGLE DOOR (FILTER CUT OUT)



DETAIL A
SCALE 1 : 10

| ENCLOSURE WIDTH | W1 | W2 | W3 |
|-----------------|------|------|-----|
| 600 | 600 | 488 | 447 |
| 800 | 800 | 688 | 647 |
| 1200 | 1200 | 1088 | 447 |

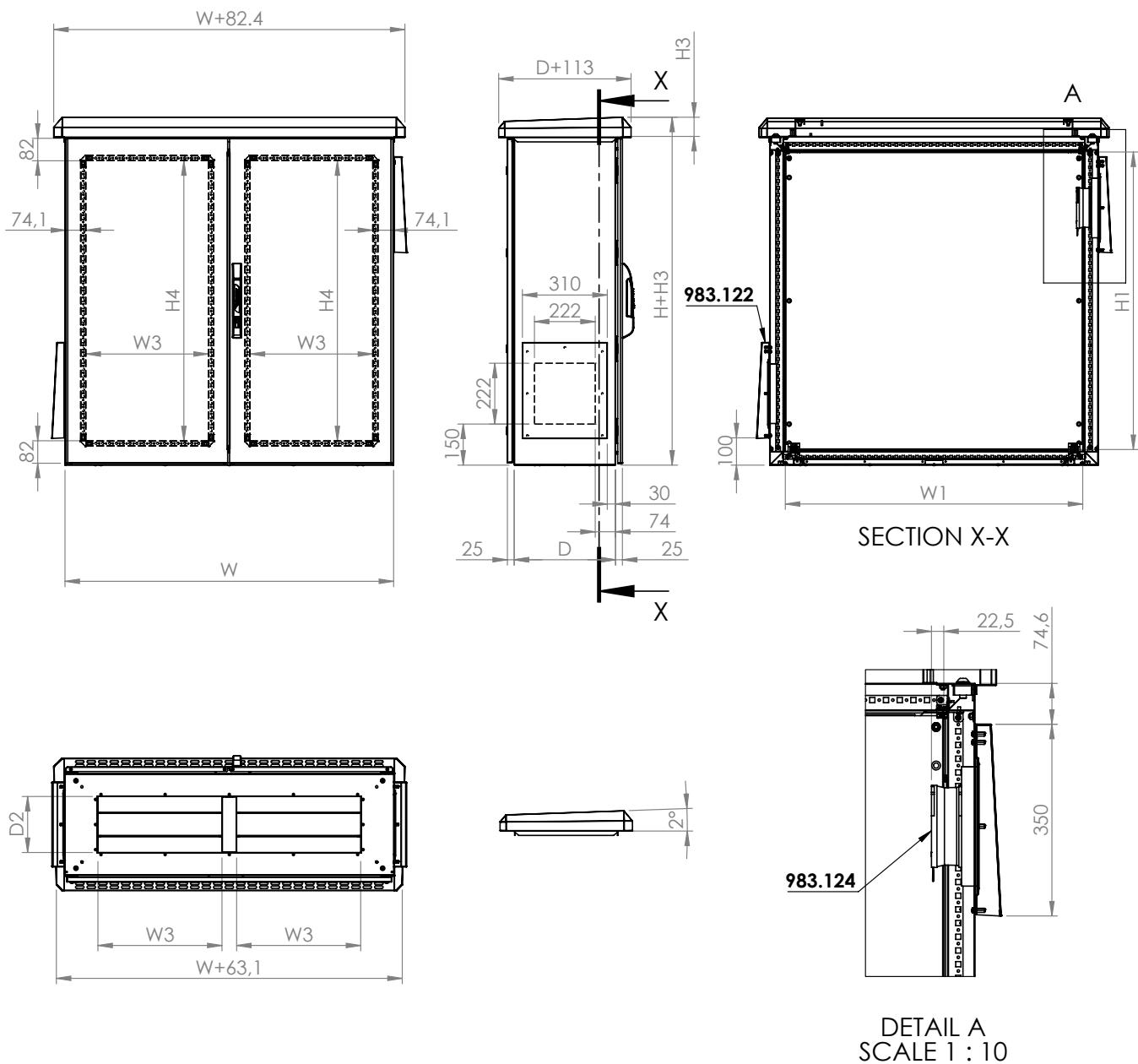
| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-------|
| 400 | 370 | 204,4 |
| 600 | 570 | 404,4 |

| ENCLOSURE HEIGHT | H | H1 | H4 |
|------------------|------|------|------|
| 1200 | 1200 | 1088 | 1222 |

| ENCLOSURE DEPTH | H3 |
|-----------------|----|
| 400 | 70 |
| 600 | 77 |

TECHNICAL DRAWINGS

NEO HC MONOBLOCK SERIES DOUBLE DOOR (FILTER CUT OUT)



DETAIL A
SCALE 1 : 10

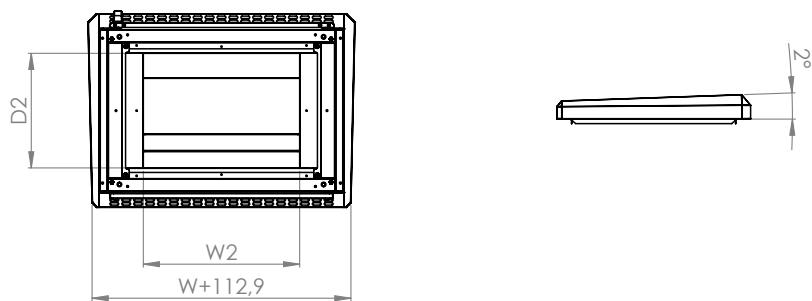
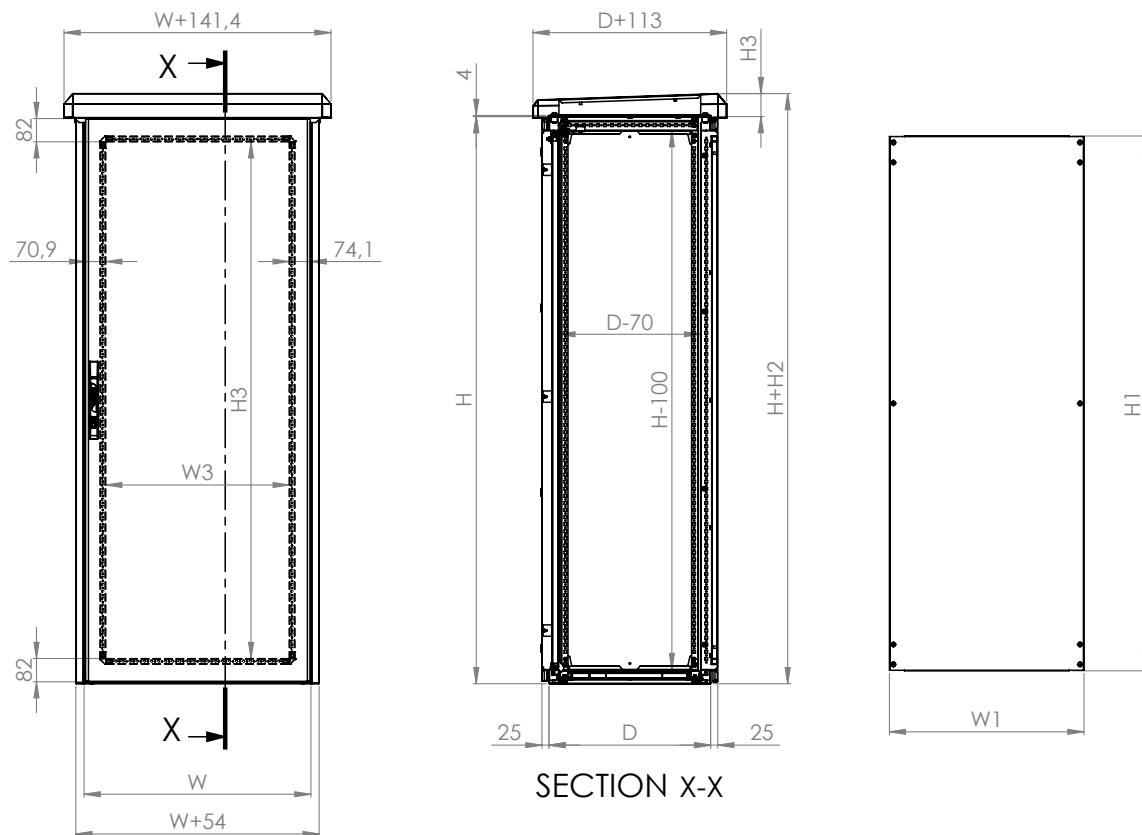
| ENCLOSURE WIDTH | W1 | W2 | W3 |
|-----------------|------|------|-----|
| 600 | 600 | 488 | 447 |
| 800 | 800 | 688 | 647 |
| 1200 | 1200 | 1088 | 447 |

| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-------|
| 400 | 370 | 204,4 |
| 600 | 570 | 404,4 |

| ENCLOSURE HEIGHT | H | H1 | H4 |
|------------------|------|------|------|
| 1200 | 1200 | 1088 | 1222 |

| ENCLOSURE DEPTH | H3 |
|-----------------|----|
| 400 | 70 |
| 600 | 77 |

NEO HC MODULAR SERIES SINGLE 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 |

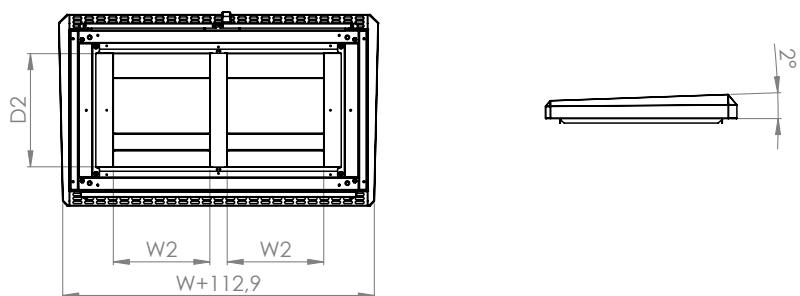
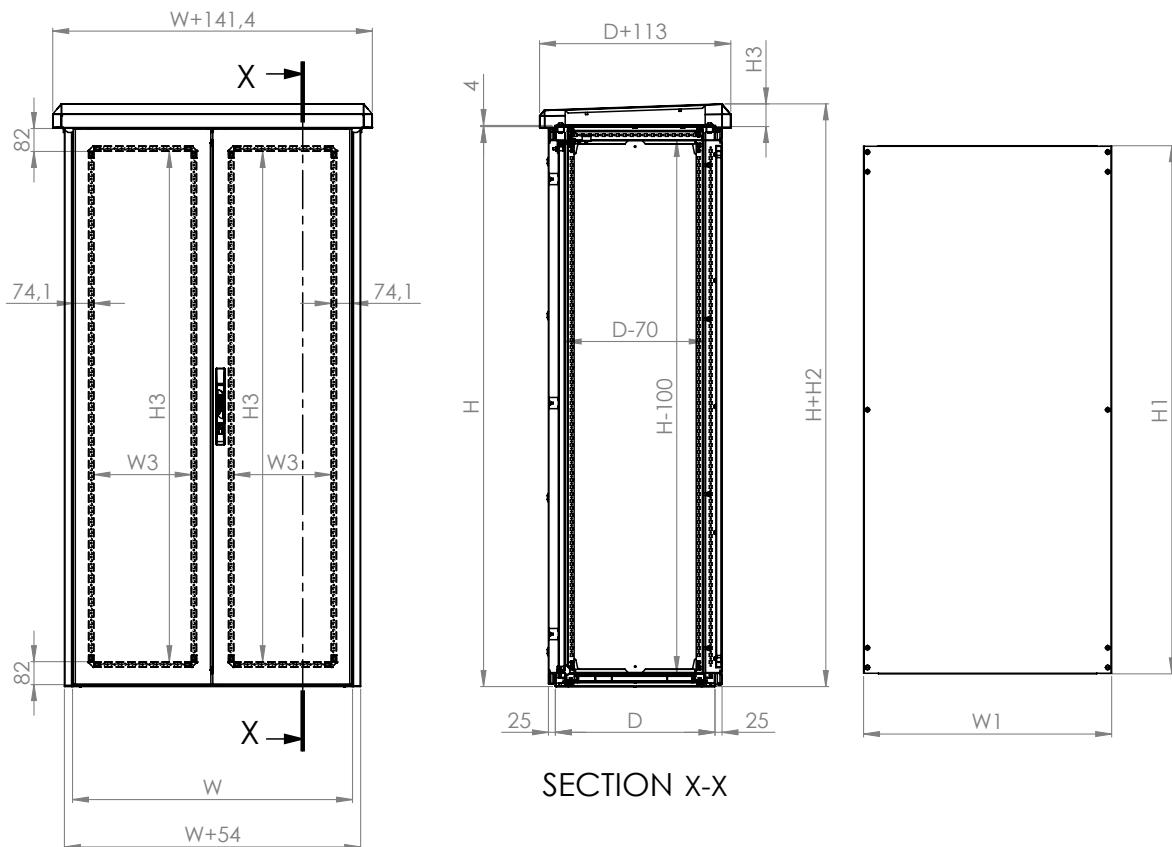
| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-----|
| 400 | 370 | 331 |
| 600 | 570 | 531 |
| 800 | 770 | 731 |

| 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 |

TECHNICAL DRAWINGS

NEO HC MODULAR SERIES DOUBLE DOOR (CLOSED SIDE)

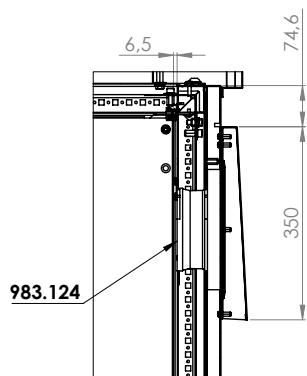
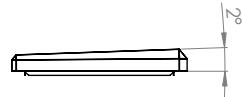
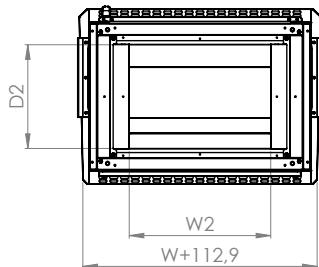
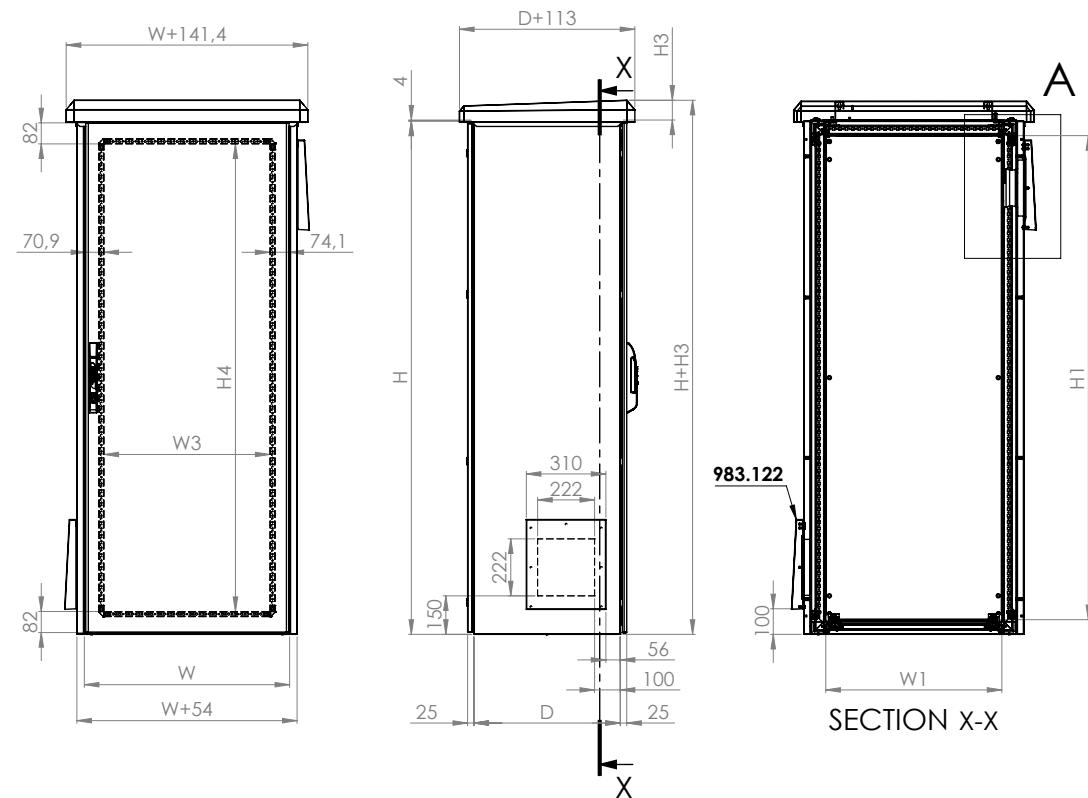


| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|---------|-----|
| 400 | 400 | 288 | 151 | 247 |
| 600 | 600 | 488 | 351 | 447 |
| 700 | 700 | 588 | 451 | 547 |
| 800 | 800 | 688 | 551 | 647 |
| 1000 | 1000 | 888 | 344,6x2 | 347 |
| 1200 | 1200 | 1088 | 444,6x2 | 447 |

| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-----|
| 400 | 370 | 331 |
| 600 | 570 | 531 |
| 800 | 770 | 731 |

| ENCLOSURE 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 |

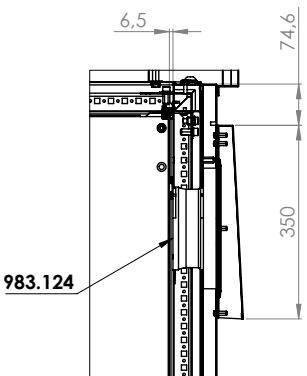
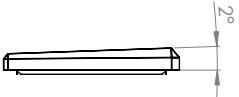
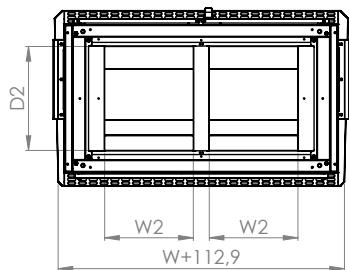
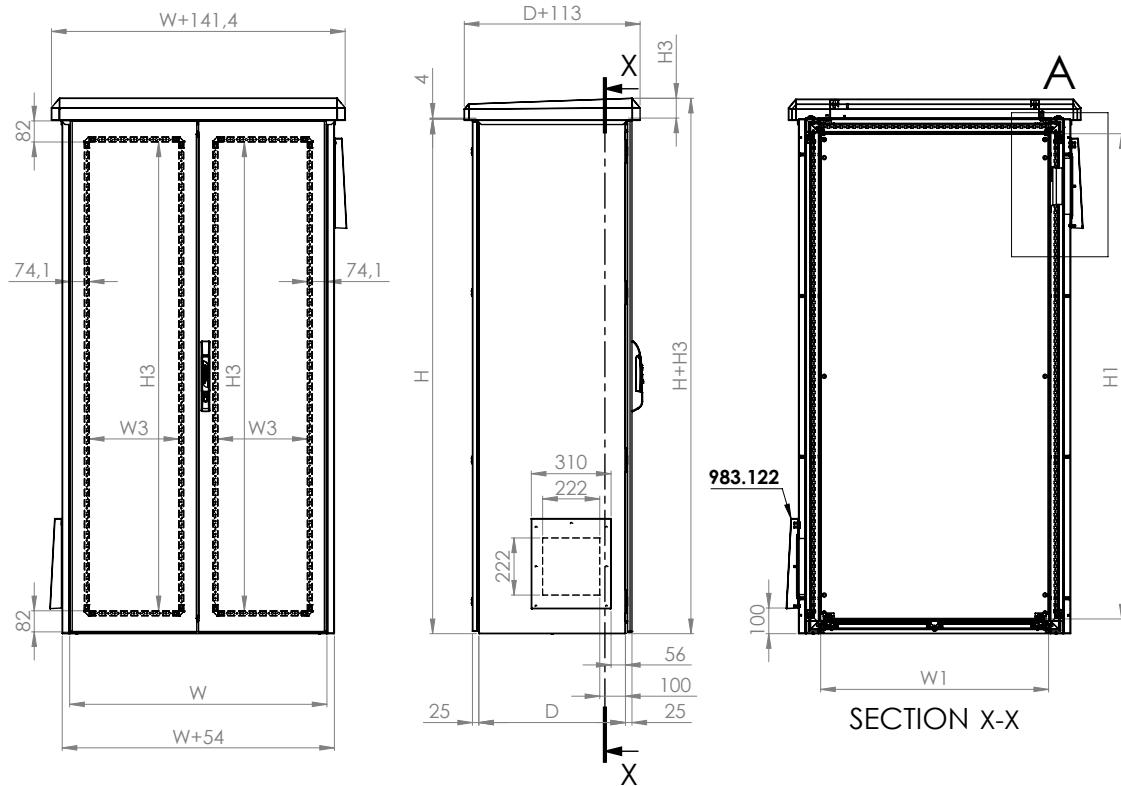
| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-----|
| 400 | 370 | 331 |
| 600 | 570 | 531 |
| 800 | 770 | 731 |

| 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 |

TECHNICAL DRAWINGS

NEO HC MODULAR SERIES DOUBLE DOOR (FILTER CUT OUT)



DETAIL A

SCALE 1 : 10

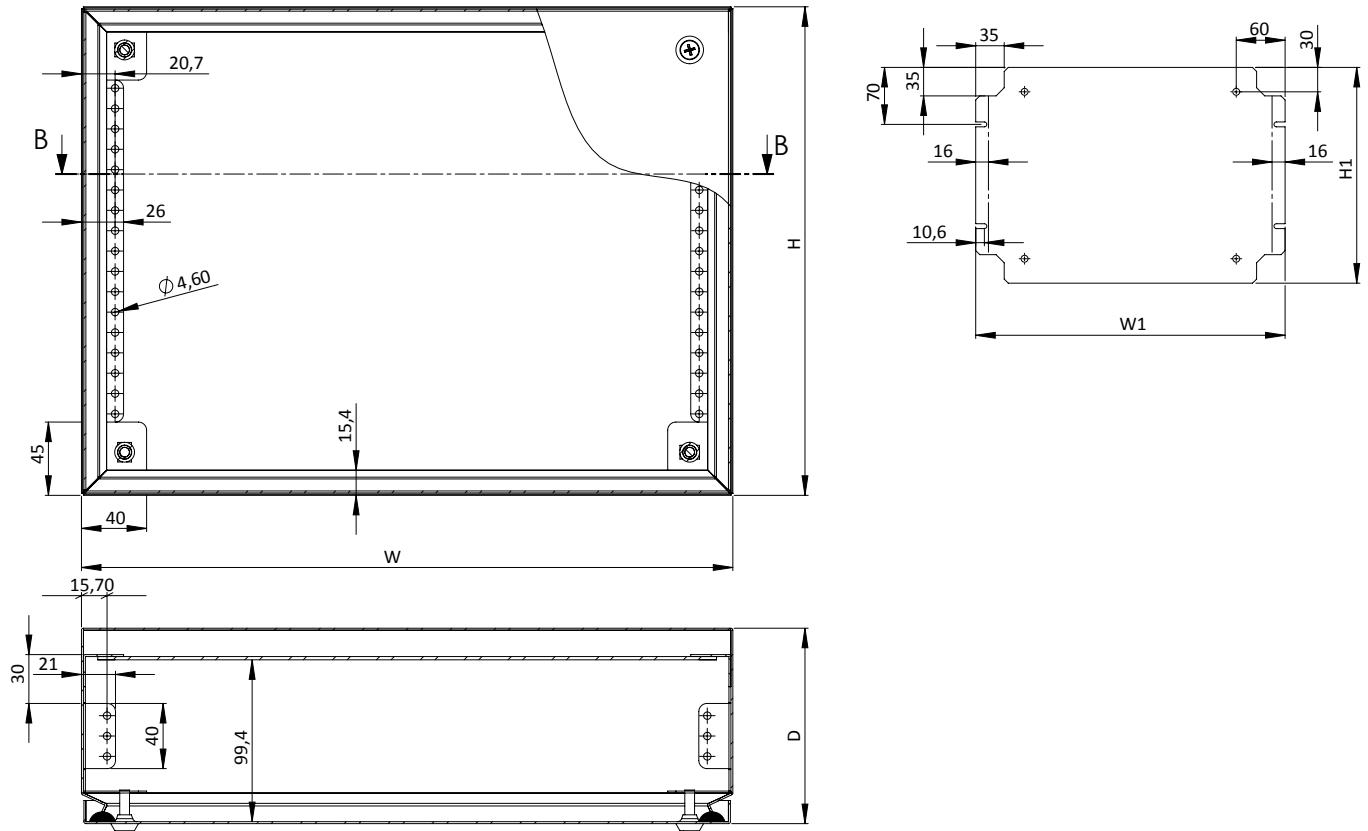
| ENCLOSURE WIDTH | W | W1 | W2 | W3 |
|-----------------|------|------|---------|-----|
| 400 | 400 | 288 | 151 | 247 |
| 600 | 600 | 488 | 351 | 447 |
| 700 | 700 | 588 | 451 | 547 |
| 800 | 800 | 688 | 551 | 647 |
| 1000 | 1000 | 888 | 344,6x2 | 347 |
| 1200 | 1200 | 1088 | 444,6x2 | 447 |

| 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 |

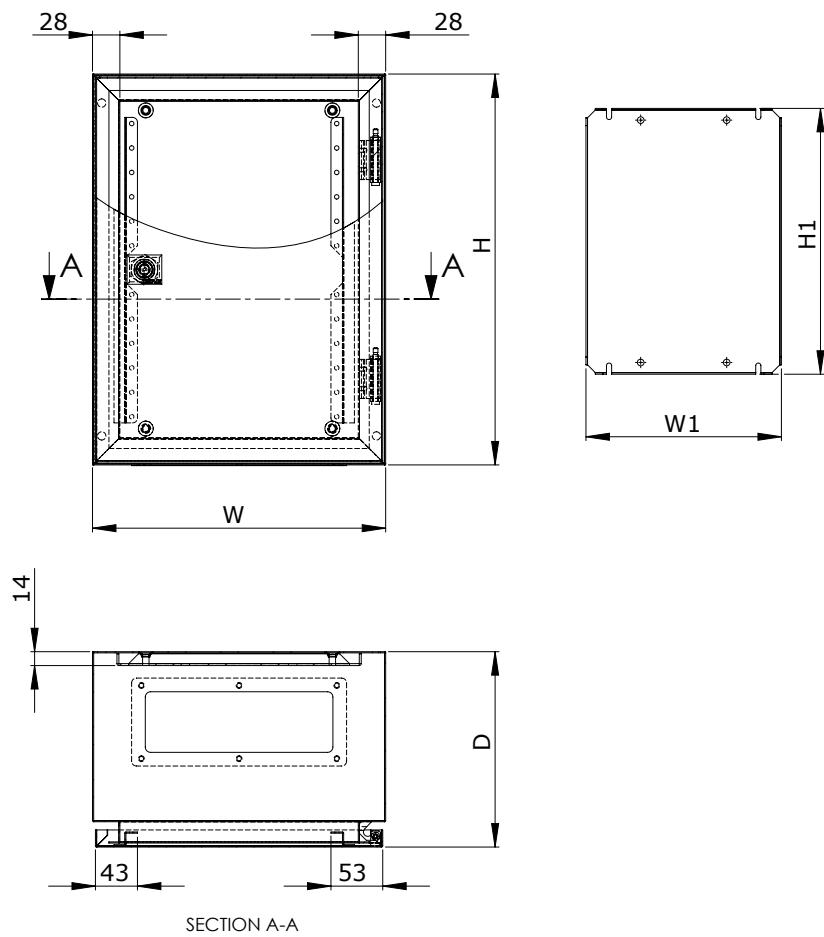
KT SERIES STAINLESS STEEL



| ENCLOSURE WIDTH | W | W1 |
|--------------------|-----|-----|
| 200 | 200 | 180 |
| 300 | 300 | 280 |
| 400 | 400 | 380 |

| ENCLOSURE DEPTH | D |
|--------------------|-----|
| 120 | 120 |
| 120 | 120 |
| 120 | 120 |

| ENCLOSURE HEIGHT | H | H1 |
|---------------------|-----|-----|
| 200 | 200 | 165 |
| 300 | 300 | 265 |
| 400 | 400 | 365 |

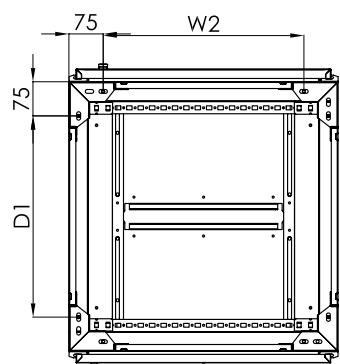
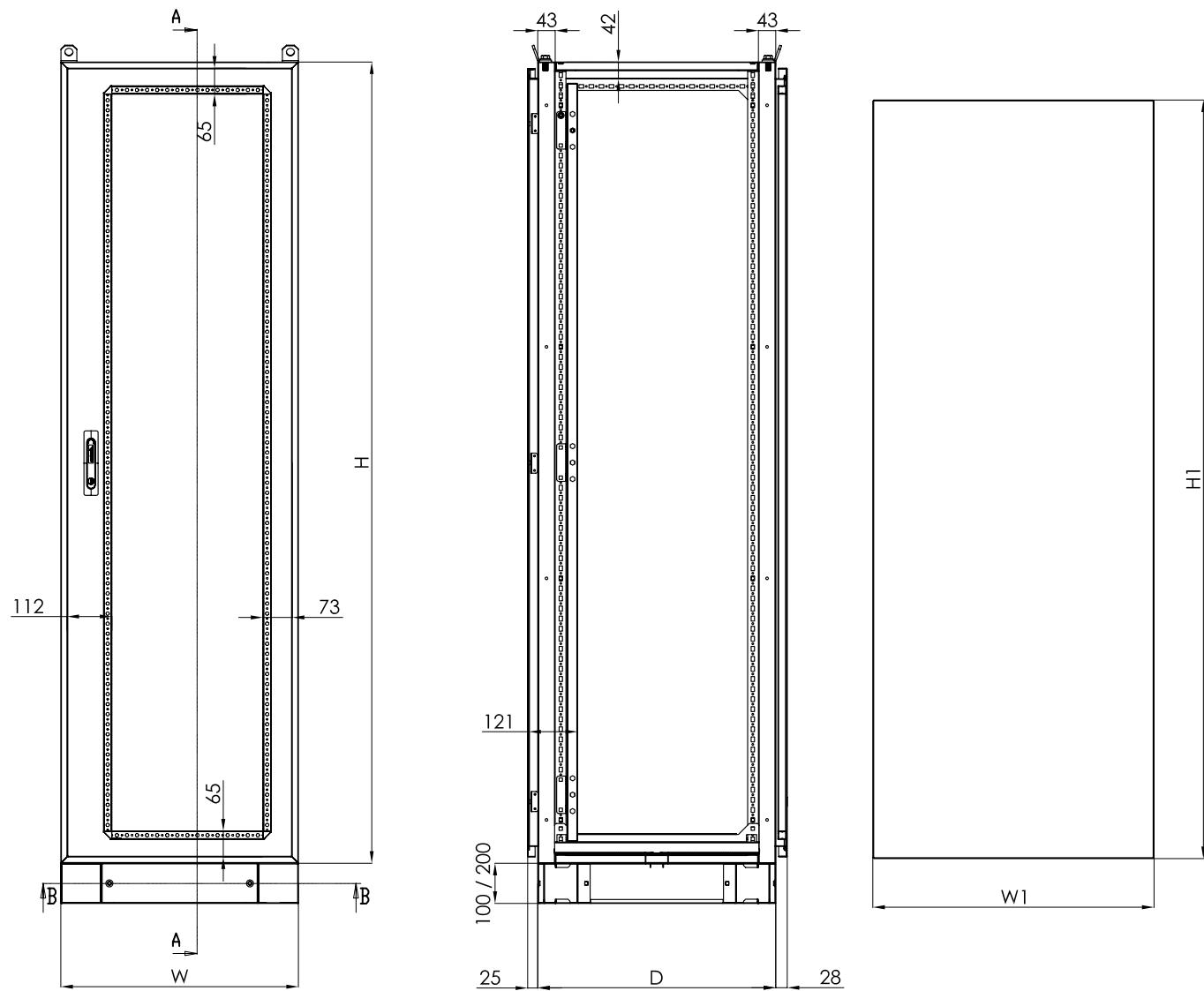


| ENCLOSURE WIDTH | W | W1 |
|-----------------|------|-----|
| 200 | 200 | 150 |
| 300 | 300 | 250 |
| 400 | 400 | 350 |
| 500 | 500 | 450 |
| 600 | 600 | 550 |
| 800 | 800 | 750 |
| 1000 | 1000 | 950 |

| ENCLOSURE DEPTH | D |
|-----------------|-----|
| 150 | 150 |
| 200 | 200 |
| 280 | 280 |

| ENCLOSURE HEIGHT | H | H1 |
|------------------|------|-----|
| 300 | 300 | 240 |
| 400 | 400 | 340 |
| 500 | 500 | 440 |
| 600 | 600 | 540 |
| 800 | 800 | 640 |
| 1000 | 1000 | 740 |

DT SERIES STAINLESS STEEL SINGLE DOOR



SECTION B-B

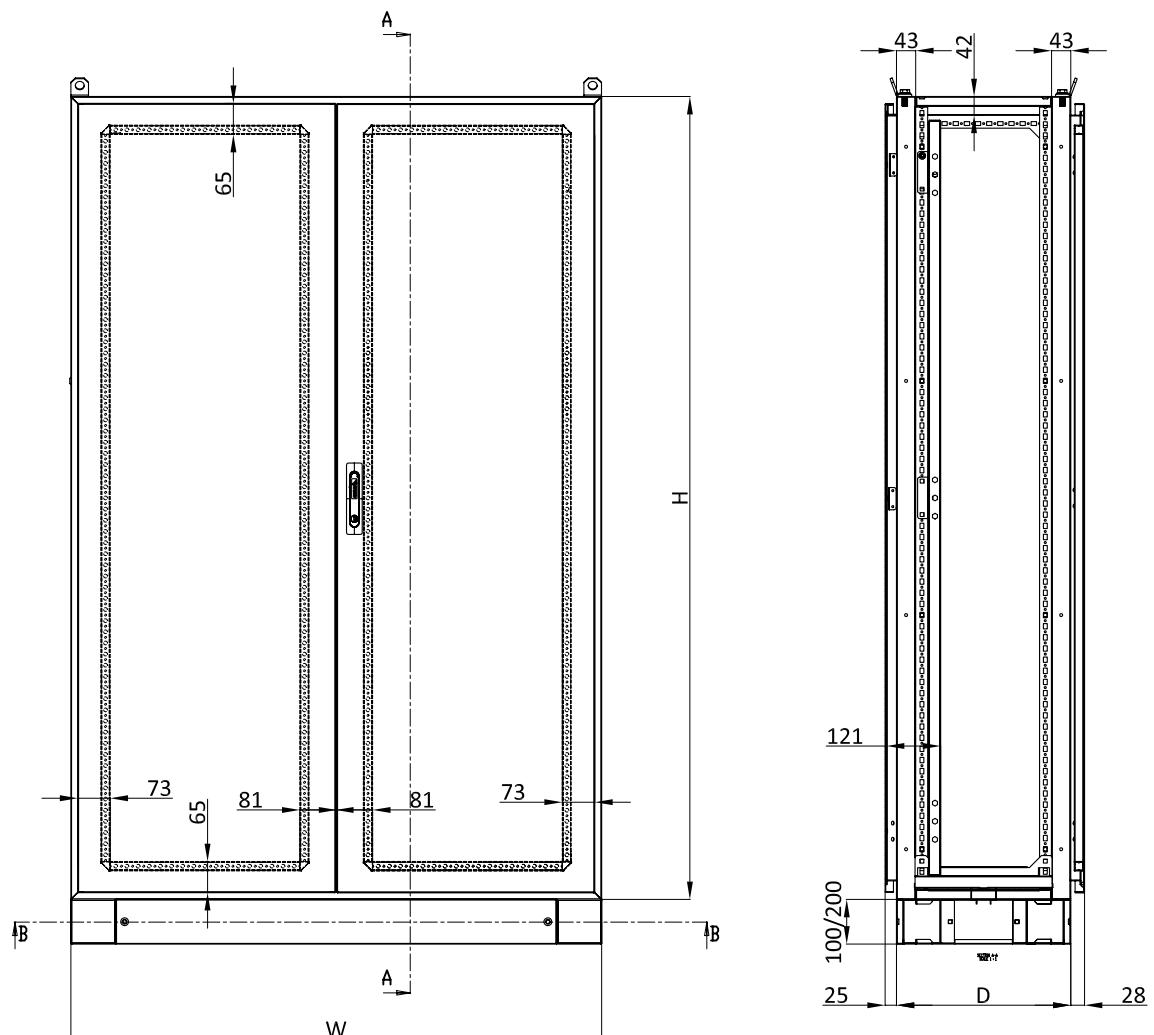
| ENCLOSURE WIDTH | W | W1 | W2 |
|-----------------|------|------|------|
| 600 | 590 | 480 | 440 |
| 800 | 800 | 698 | 650 |
| 1000 | 990 | 888 | 840 |
| 1200 | 1190 | 1088 | 1040 |

| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-----|
| 400 | 390 | 420 |
| 500 | 490 | 340 |
| 600 | 590 | 440 |
| 800 | 790 | 640 |

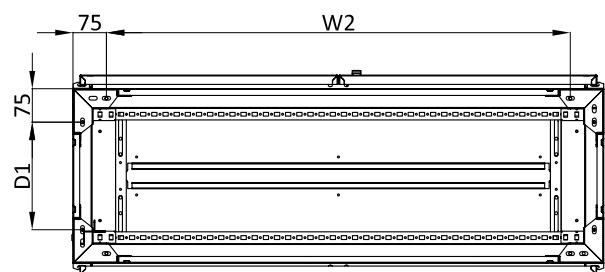
| ENCLOSURE HEIGHT | H | H1 |
|------------------|------|------|
| 1200 | 1190 | 1084 |
| 1600 | 1600 | 1494 |
| 1800 | 1800 | 1694 |
| 2000 | 1990 | 1884 |
| 2200 | 2200 | 2094 |

TECHNICAL DRAWINGS

DT SERIES STAINLESS STEEL DOUBLE DOOR



SECTION A-A

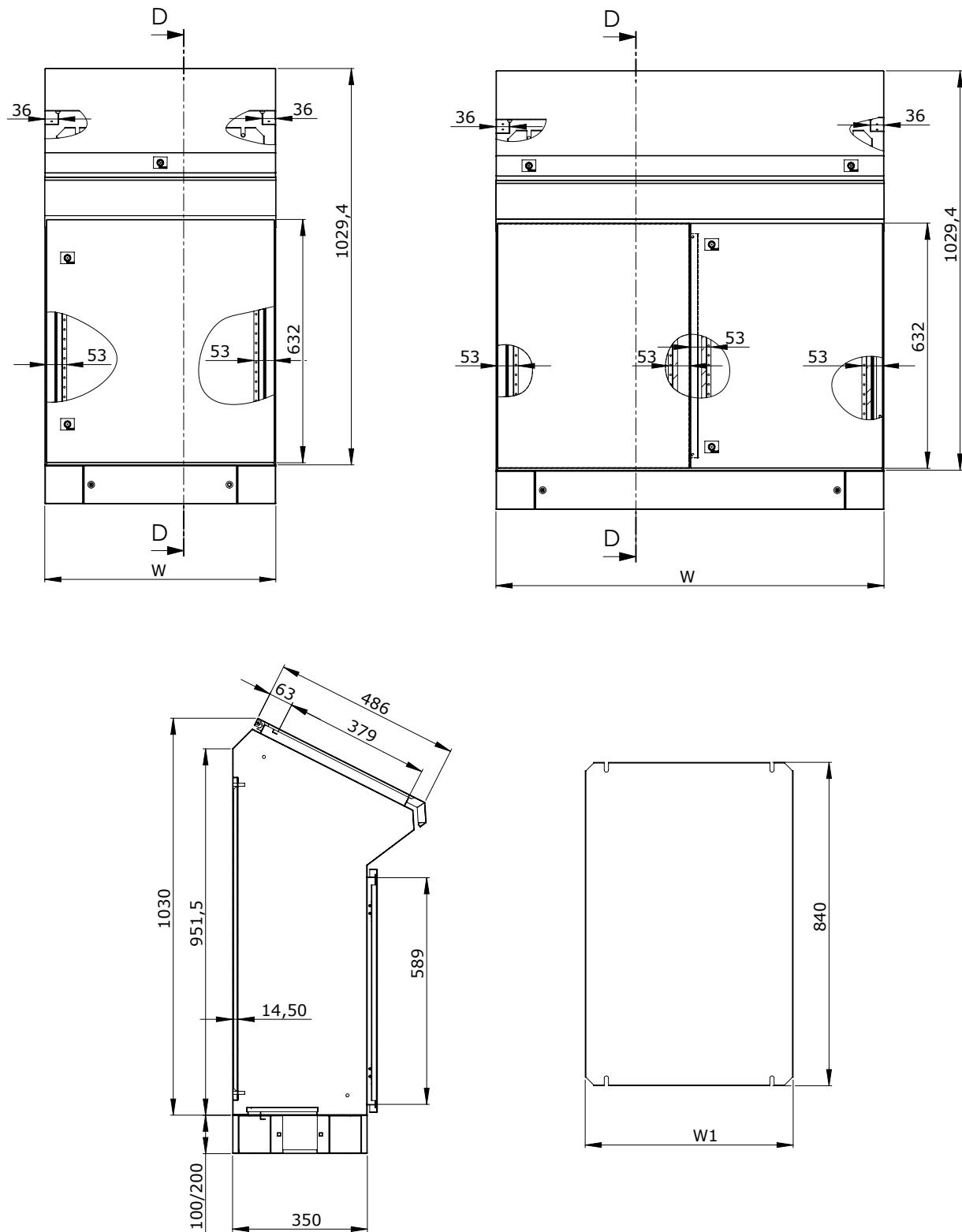


| ENCLOSURE WIDTH | W | W1 | W2 |
|-----------------|------|------|------|
| 600 | 590 | 480 | 440 |
| 800 | 800 | 698 | 650 |
| 1000 | 990 | 888 | 840 |
| 1200 | 1190 | 1088 | 1040 |

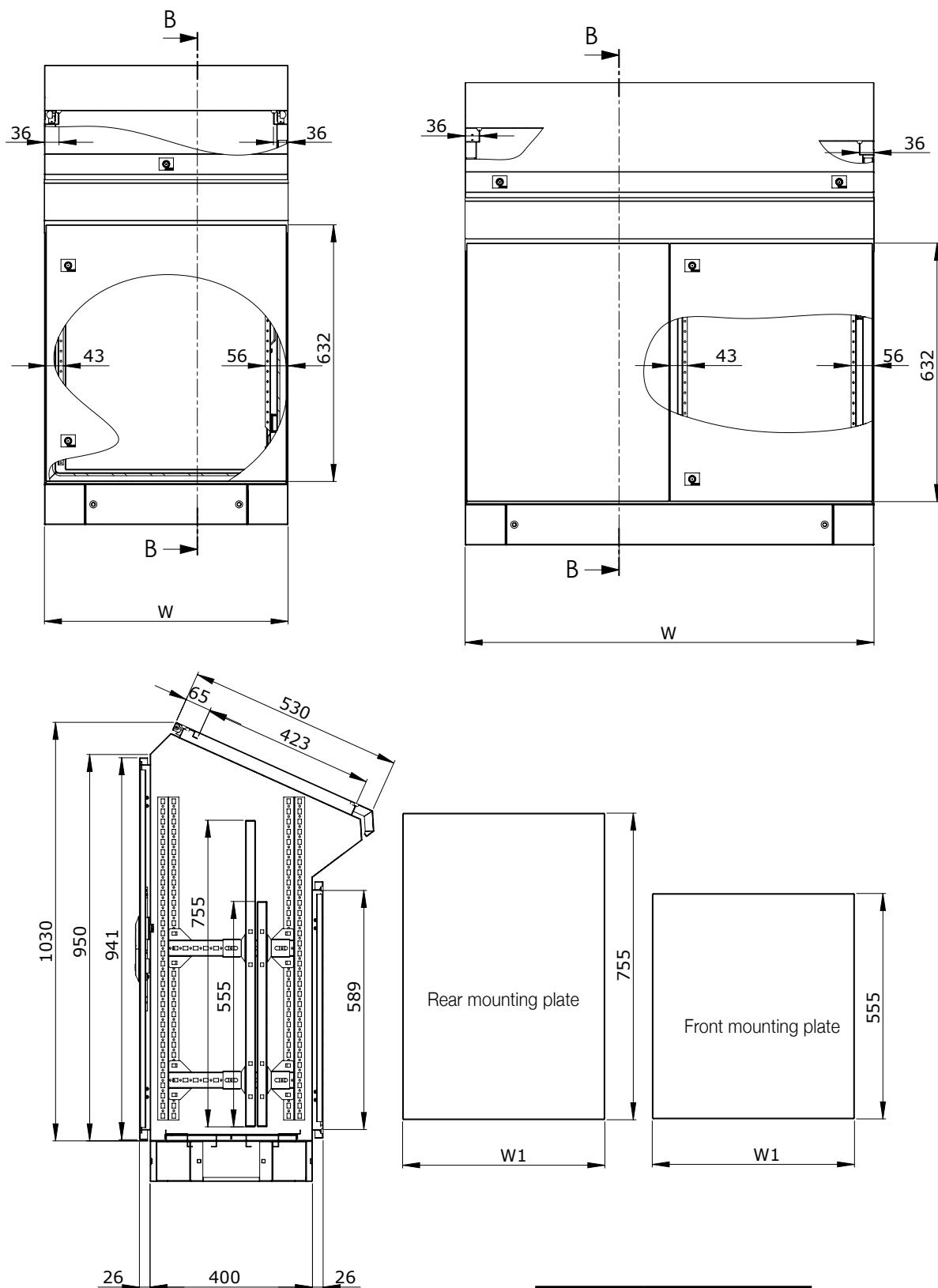
| ENCLOSURE DEPTH | D | D2 |
|-----------------|-----|-----|
| 400 | 390 | 420 |
| 500 | 490 | 340 |
| 600 | 590 | 440 |
| 800 | 790 | 640 |

| ENCLOSURE HEIGHT | H | H1 |
|------------------|------|------|
| 1200 | 1190 | 1084 |
| 1600 | 1600 | 1494 |
| 1800 | 1800 | 1694 |
| 2000 | 1990 | 1884 |
| 2200 | 2200 | 2094 |

KMT-1000 SERIES

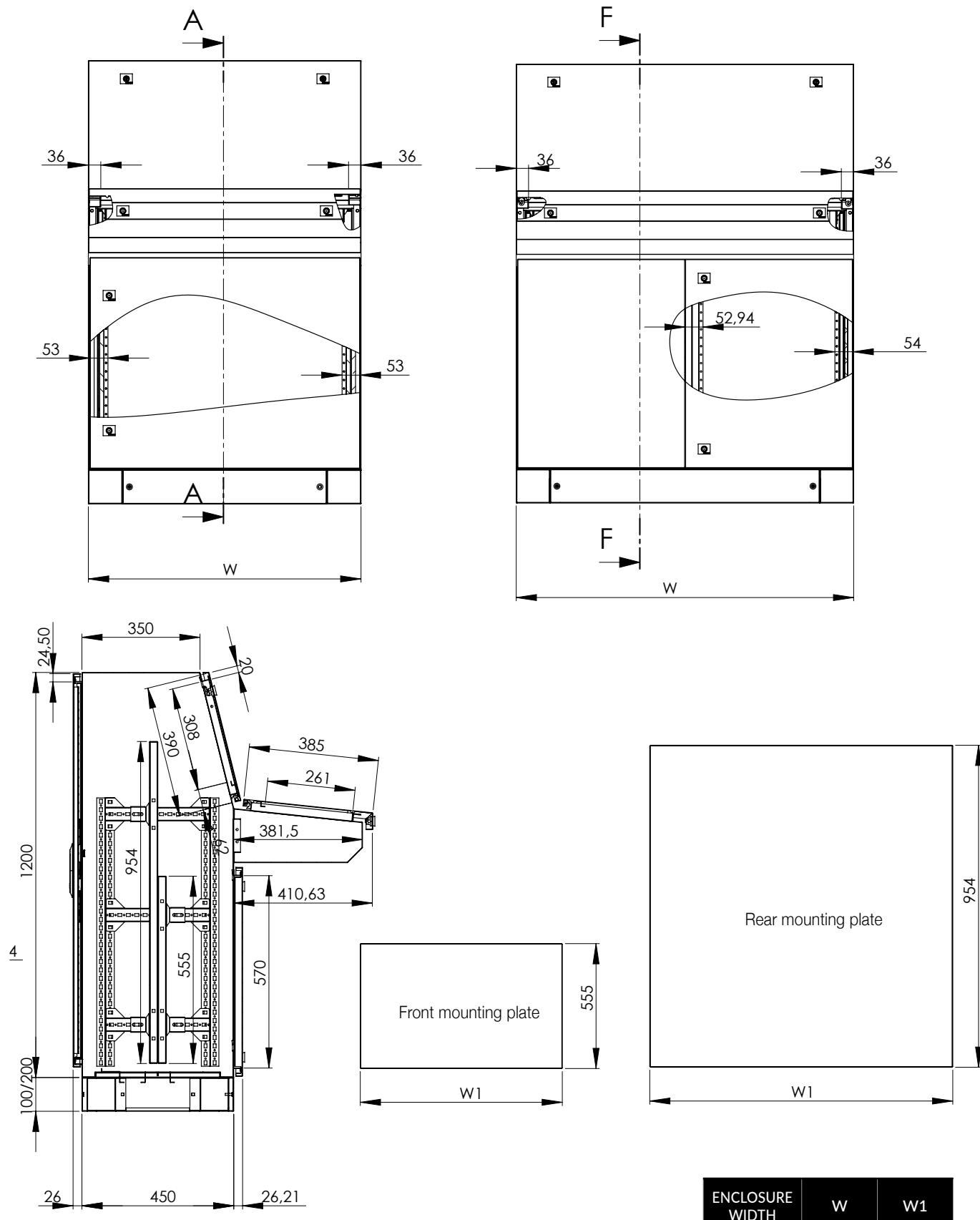


| ENCLOSURE WIDTH | W | W1 |
|--------------------|------|------|
| 600 | 600 | 540 |
| 800 | 800 | 740 |
| 1000 | 1000 | 940 |
| 1200 | 1200 | 1140 |



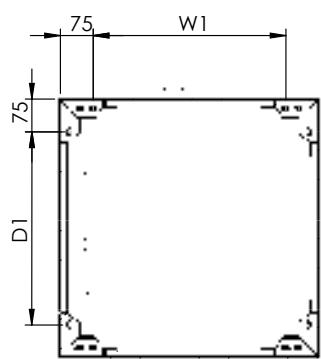
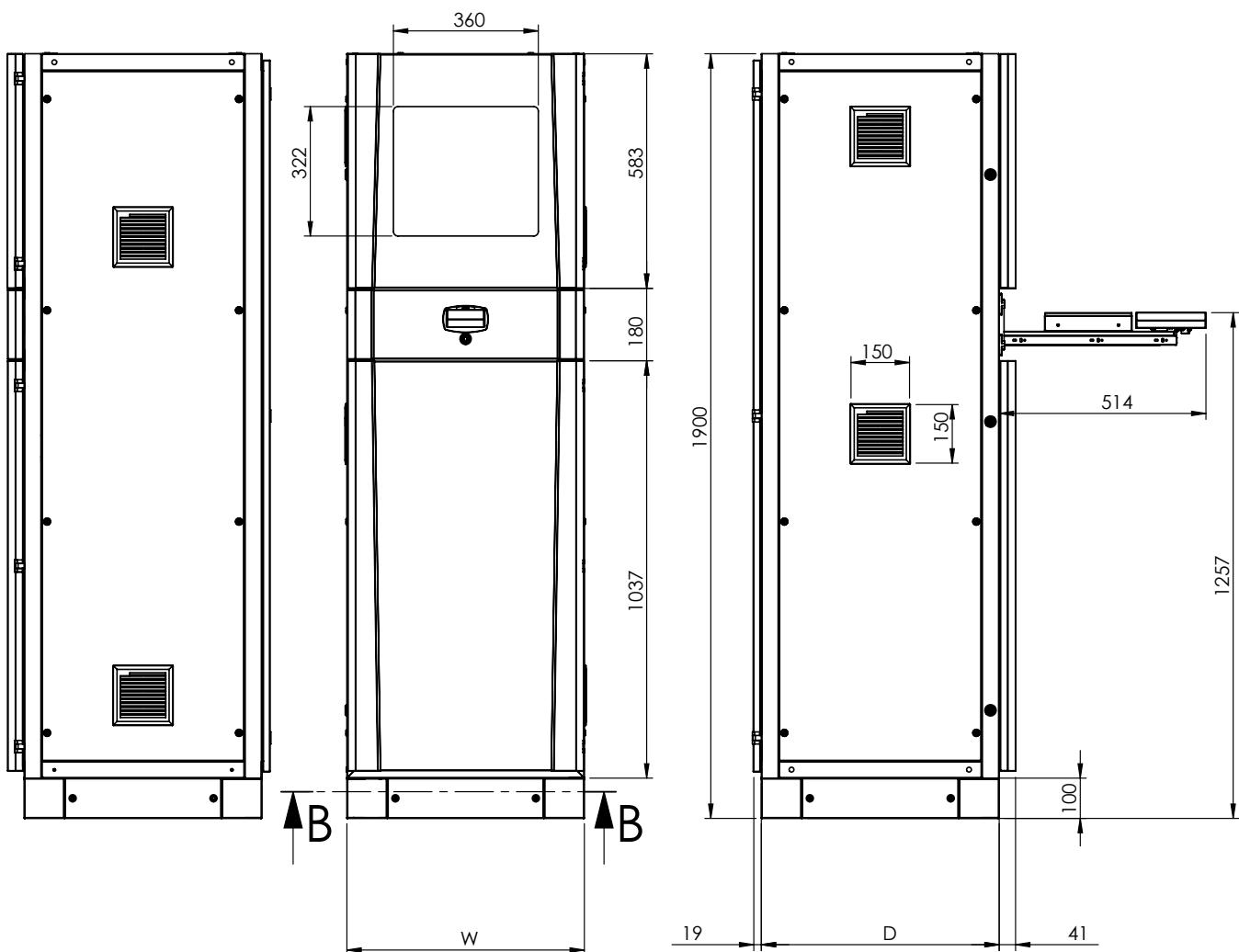
| ENCLOSURE WIDTH | W | W1 |
|--------------------|------|------|
| 600 | 600 | 498 |
| 800 | 800 | 698 |
| 1000 | 1000 | 898 |
| 1200 | 1200 | 1098 |

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 |



| 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

TECHNICAL SPECIFICATIONS

MATERIAL INFORMATION

INFORMATION ON STEEL USED IN OUR PRODUCTS



MILD STEEL : 6112 DIN EN 10130-99-DC01

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 : AIMg3
(Optional)

PRODUCT COATING APPLICATION

Pressurized Spray Cleaning Line



Degreasi → Phosphate-plating → Rinsing → Deionized Passivation



Coating

Drying

Owening

Draining

70-90 µm epoxy
polyester powder coating

8-10 µm phosphate

Material

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 protection in continental climates, production sites where temperatures can be high and applications of heat-radiating devices.

TECHNICAL SPECIFICATIONS

PACKAGING

PACKAGING FOR COMPACT ENCLOSURES



PACKAGING FOR FLOOR ASSEMBLED
TYPES; TEOS, NEO, NEO HC, KMT, KMP,
PC and DT.



PACKAGING

TEOS FLAT PACKAGING



ACCESSORY PACKAGING



Flat package products are packaged by automatic packaging machine.



TECHNICAL SPECIFICATIONS

IP PROTECTION CATEGORY ACCORDING TO IEC 60 529

IP55

| 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 angles! | 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 effects of 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 | Indoor or outdoor enclosures should be protective against rain, foreign materials, water splashes, hosing as well as external frosting. | |
| 4X | 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 |

DRIVE THE ENERGY

ENERGY

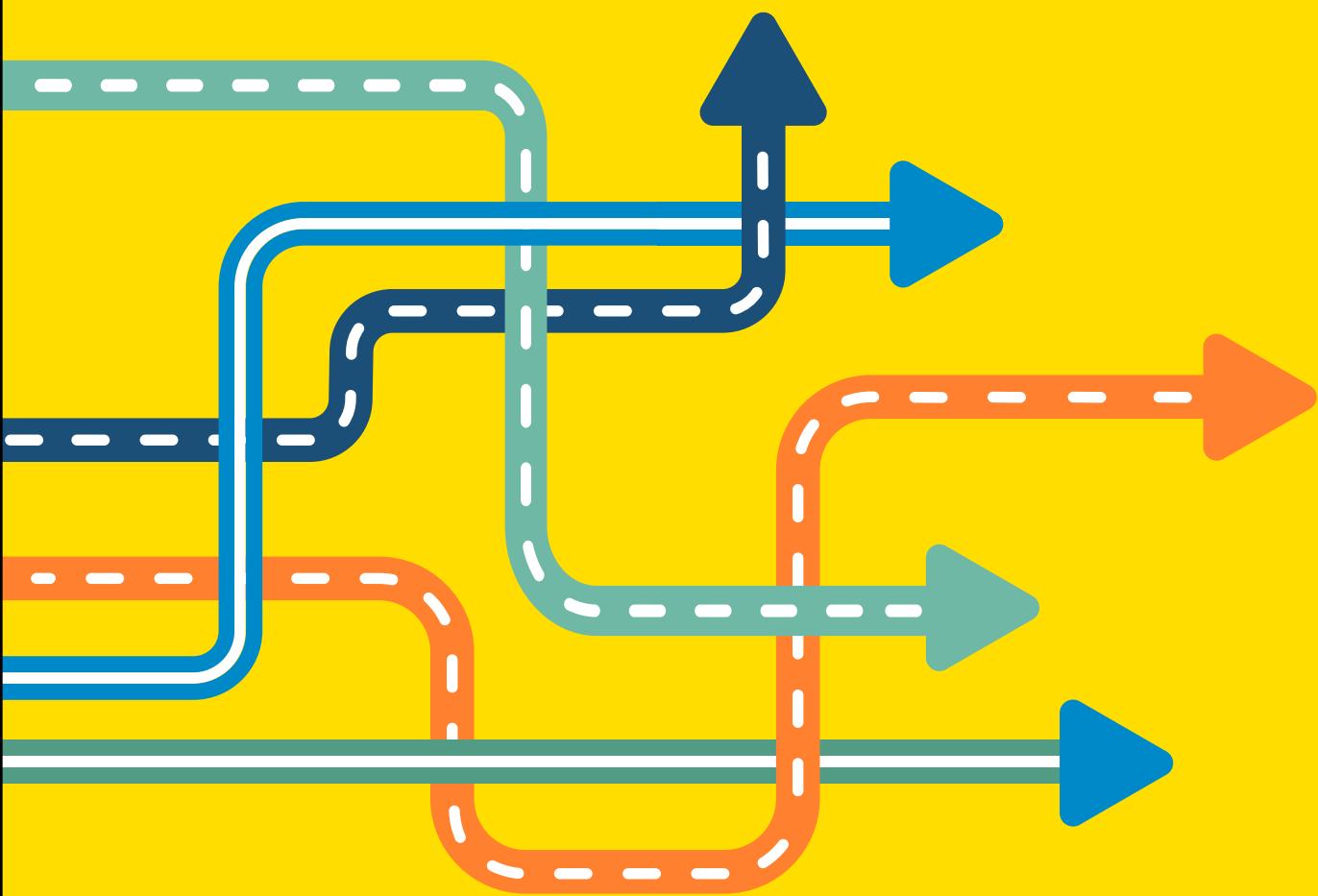
distribution
products



RoHS EAC CE IEC UL UK CA

E
D
P
DRIVE THE ENERGY

Please contact for more
information



edp-tekpan.com

DISTRIBUTION

FOUR POLE

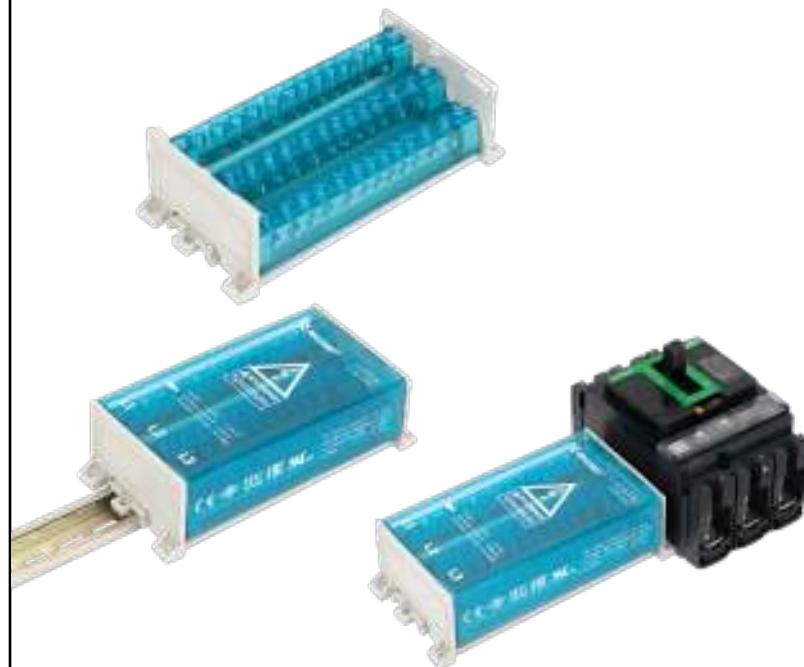
250A - 160A - 125A



BLOCKS

THREE POLE

125A - 160A - 250A



POWER & JOINT TERMINALS

315A-400A-630A



COMBINED DISTRIBUTION BLOCKS

63A-80A-100A-160A-250A



DISTRIBUTION FOUR POLE

80A - 125A



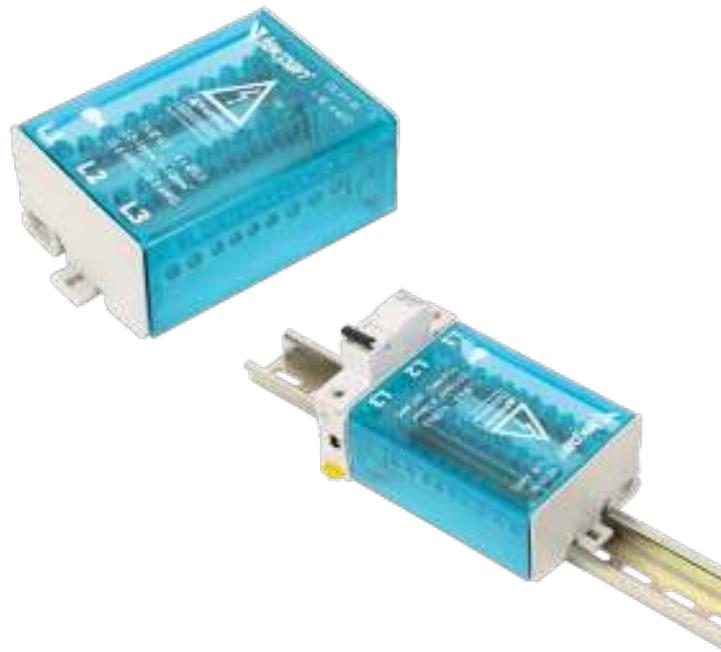
COMPACT DISTRIBUTION BLOCKS

100A-160A-250A-400A



BLOCKS (DIN RAIL TYPE) THREE POLE

80A - 125A



MINI DISTRIBUTION BLOCKS

80A-125A-160A



edp@tekpan.com.tr

NOTES



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