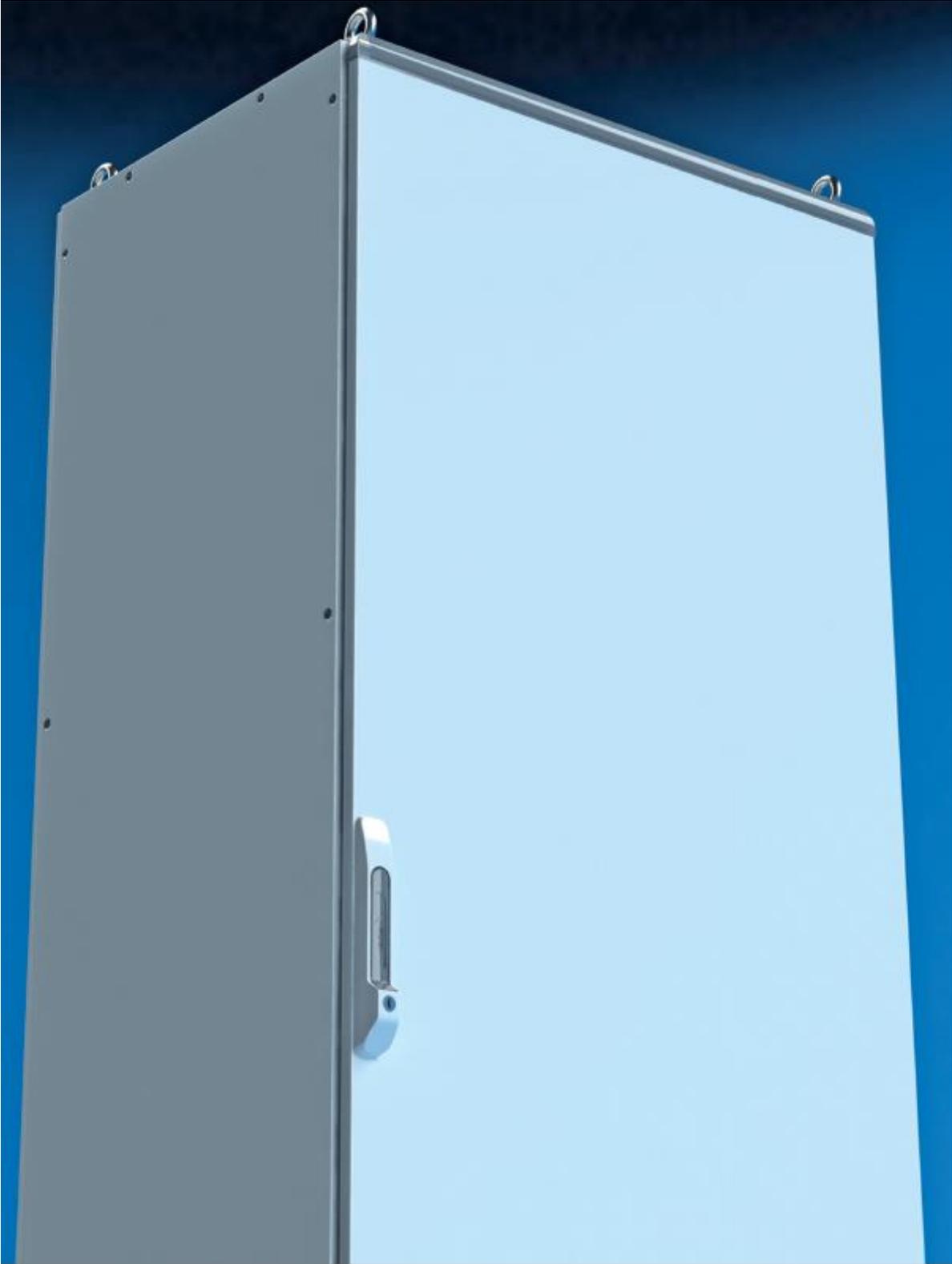


BCH & TEKPAN PRESENCE "TEOS Plus" ... MODULAR MULTI-FOLD FLOOR STANDING





TEOS plus+ POWERED FRAME STRUCTURE

Produced with a closed rail structure, TeosEnclosure 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.

Turkish Patent No: TR 201009615Y



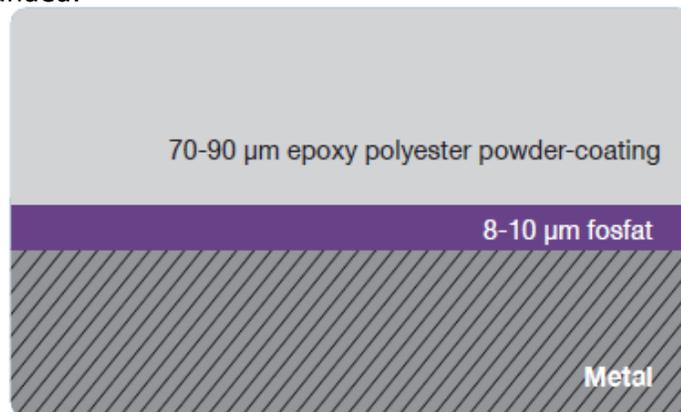
TEOS plus+ CORROSION PROTECTION



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.



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



All coated parts respectively undergo the automatic Processes of washing, phosphating, deionized passivationdrying-coating- firing and are treated with active coating.1000 hour salt test resistance is acquired according to the test results of this process.



TEOS plus+ EARTHING CONTINUITY



Placed on the aluminium corner combination, the earthing hooks are tightly mounted on the uncoated inner surface of the rails by means of eroding. Thereby, the

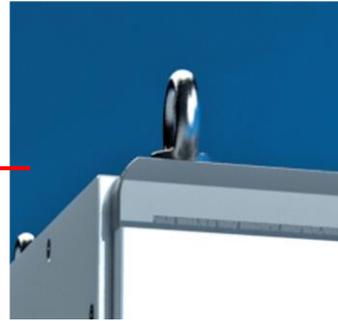
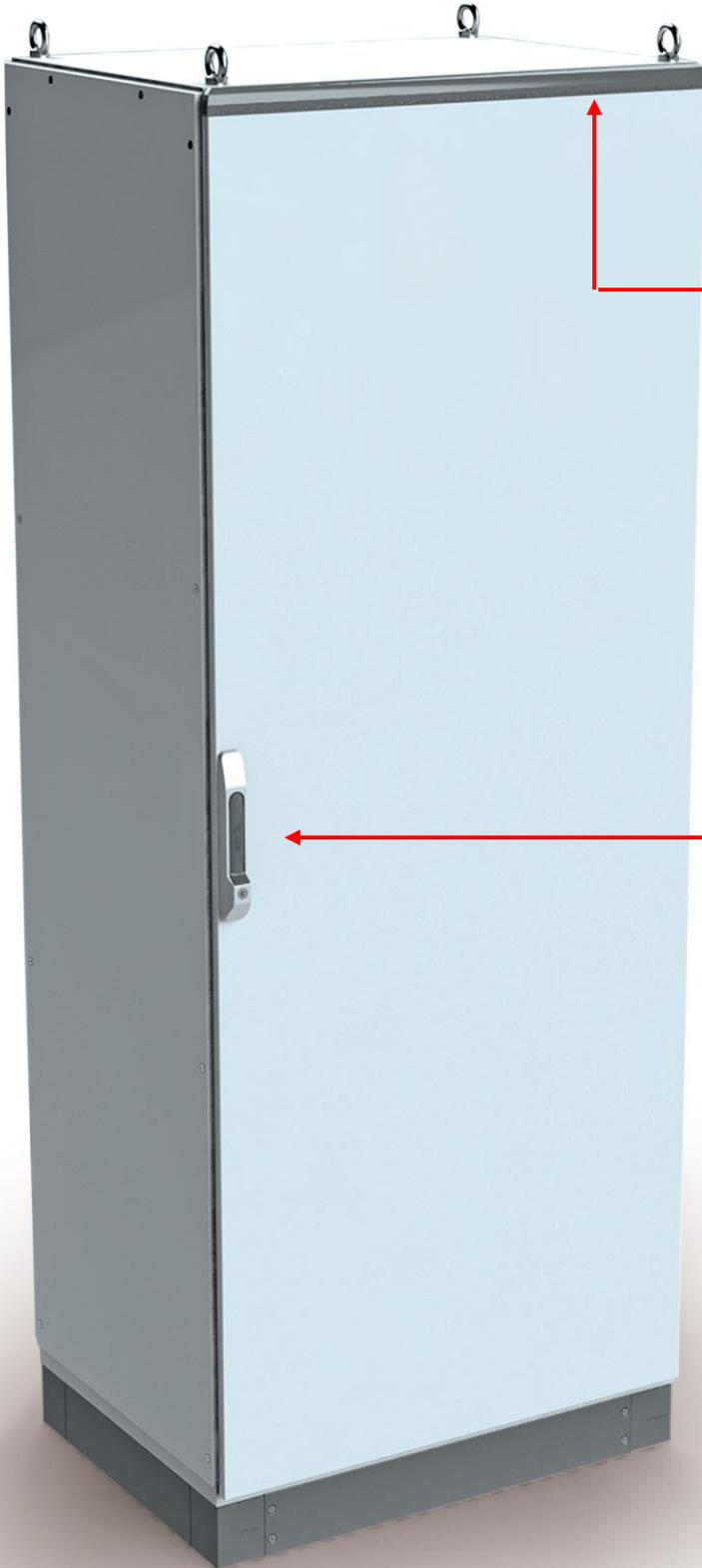


Placed on the bottom-top inner parts of the front door, the earthing screw increases conductive surface. Thereby, the front door is more efficiently grounded as the most

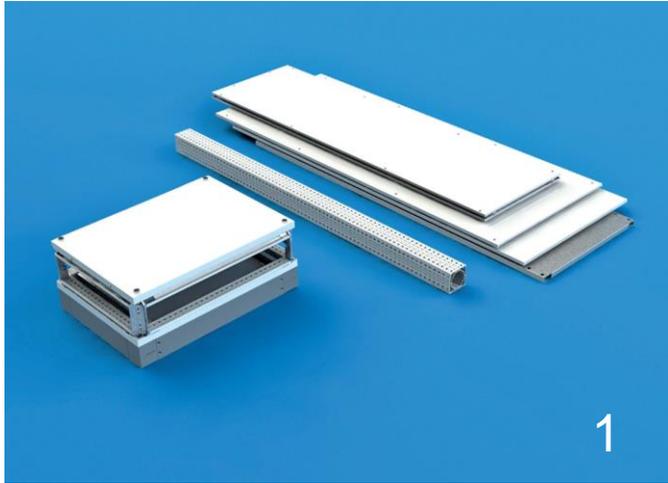


Applied to all other cover plates, the earthing screws allow for the complete earthing of all enclosure cover plates. Furthermore, Toes Plus+ allows for

TEOS plus+ CLASSY AND MODERN VIEW



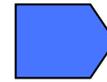
TEOS plus+ EASY ASSEMBLY AND LOGISTIC ADVANTAGES



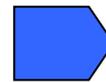
Offered as flat package, the TEOS Plus+ series is designed for an easy mounting in a minimal amount of time. It does not require angulations for the body and can be mounted between 15-20 minutes by two people.

Offered as flat package, TEOS Plus+ series save space during transportation and storage.

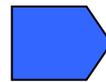
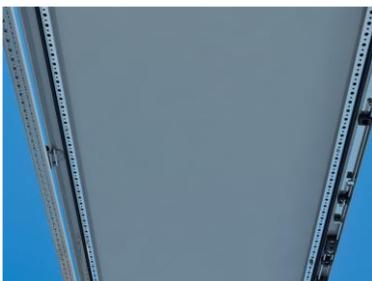
TEOS plus+ FRONT DOOR



Lock and Hinge
Placed in four points.



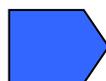
Standard Swing
Handle Lock



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.



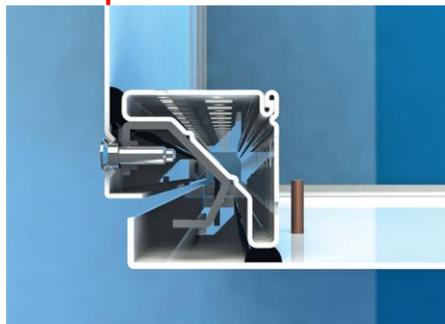
Rigid and Durable Lock Structure

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

TEOS plus+ IP 65 PROTECTION CATEGORY



Sealing foam gaskets are used on the body door, back door, side panels and top panels of the enclosure.



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.



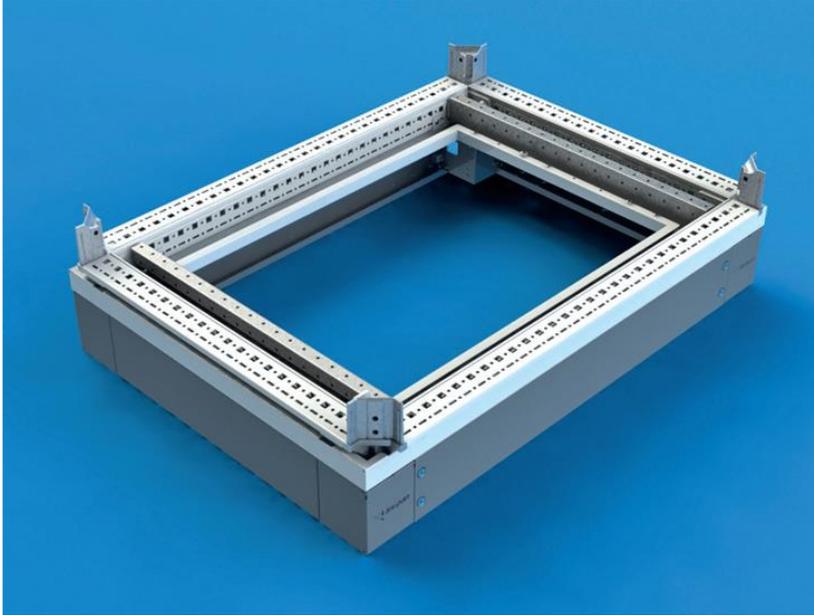
With the help of the gasket, the bottom base system enables complete protection from the frame contact surface and on the contact point of the gland plate and bottom panel.

TEOS plus+ IP 65 PROTECTION CATEGORY

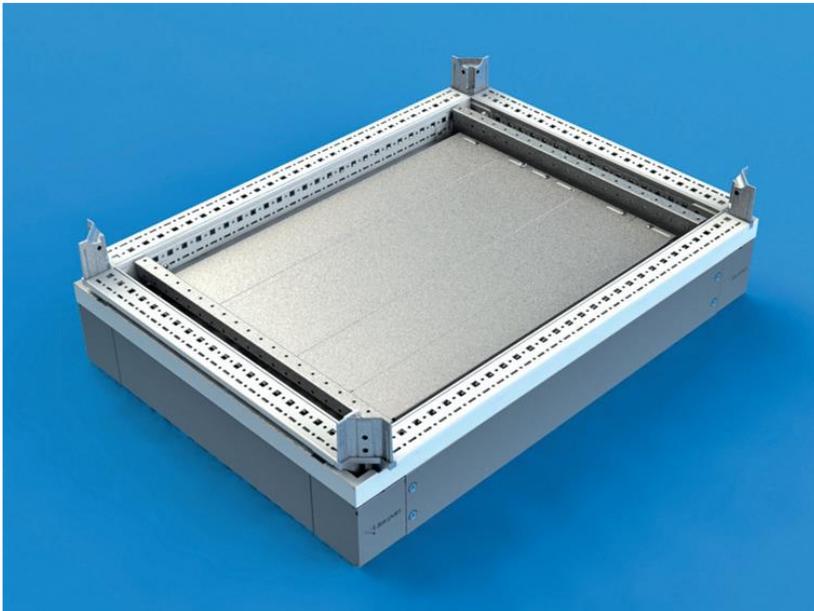


Applied to double-door enclosures, the insulating gasket assumes a full protective role between two panels and the frame when both doors close over the gasket.

TEOS plus+ BOTTOM AND GLAND PLATE SYSTEM



Bottom part of the enclosure is closed by means of a centre-bore closure system which allows for insulation. According to their depth, the perforations in the middle of bottom enclosure part are covered with 3-4 pieces of galvanized steel.



As partial gland plates are replaceable, their position can be changed according to needs. Plate positions can be changed in single mounting plate or double mounting plate applications.



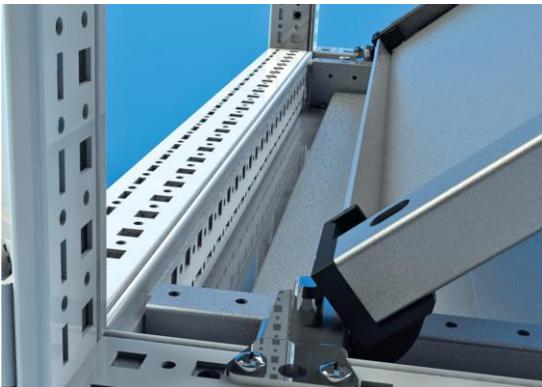
TEOS plus+ BOTTOM AND GLAND PLATE SYSTEM



Manufactured from galvanized steel, TEOS plus+ 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.

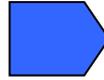


Connected to the mounting plates, the intermediate mounting plate increases space and can move back and front together with the mounting plates.





TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



TOP / BOTTOM GROUP

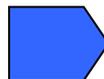
Relevant Size: ENCLOSURE WIDTH x DEPTH

Material:
 Body: 1.50mm galvanized steel+RAL7035 p-coating.
 Top Cover: 1.60mm mild steel +RAL7035 powder-coating
 Bottom: 1.60mm mild steel + RAL7035 powder-coating
 Gland Plate: 2.0mm galvanized steel

Supply includes: 1 set of upper body, 1 set of lower body,
 1 Set of gland plate, 1 pcs top cover,
 4 pcs lifting eyebolts and body mounting parts.

TEOS plus ENCLOSURE mm

Width (W)	Depth (D)	CAT No.
600	500	701.650
600	600	701.660
800	600	701.860
1200	600	701.260
800	800	701.880
1000	800	701.080
1200	800	701.280



VERTICAL FRAME GROUP

Relevant Size: ENCLOSURE HEIGHT

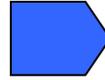
Material: Frame: 1.50mm galvanized steel + RAL7035 powder-coating

Supply Includes: 4 pcs vertical frame

TEOS plus ENCLOSURE mm

Width (W)	CAT No.
1800	702.180
2000	702.200

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



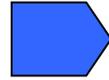
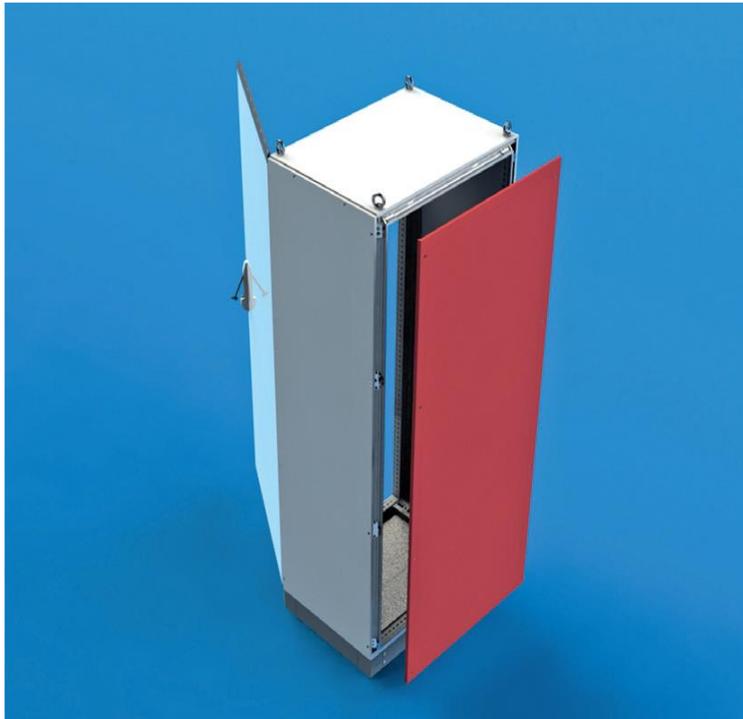
SOLID FRONT DOOR

- Relevant Size:** ENCLOSURE WIDTH X HEIGHT
- Material:** 2.0mm mild steel+RAL7035 powder-coating
- Supply Includes:** 1 pcs solid door, 1 set of lock, 4 set hinges and door stiffeners
- ⚠ Attention:** 1000mm and 1200mm Enclosure come only on Double –door Version
- ⚠ Attention:** Doors of the double-door version are delivered in two separate packages.

TEOS plus ENCLOSURE mm

Width (W)	Depth (D)	DOOR	CAT No.
600	1800	Single	704.618
800	1800	Single	704.818
600	2000	Single	704.620
800	2000	Single	704.820
1000	2000	Double	704.020
1200	2000	Double	704.220

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



REAR COVER

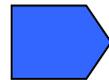
Relevant Size: ENCLOSURE WIDTH X HEIGHT

Material: 1.60mm mild steel+RAL7035 powder-coating

Supply Includes: 1 pcs Rear Cover and mounting Parts

TEOS plus ENCLOSURE mm

Width (W)	Depth (D)	CAT No.
600	1800	703.618
800	1800	703.818
600	2000	703.620
800	2000	703.820
1000	2000	703.020
1200	2000	703.220



SIDE COVER

Relevant Size: ENCLOSURE HEIGHT x DEPTH

Material: 1.60mm mild steel+RAL7035 powder-coating

Supply Includes: 2 pcs Side Cover and mounting Parts

TEOS plus ENCLOSURE mm

Height (W)	Depth (D)	CAT No.
1800	500	706.185
1800	600	706.186
2000	600	706.206
1800	800	706.188
2000	800	706.208

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



▶ PLINTH CORNER PART

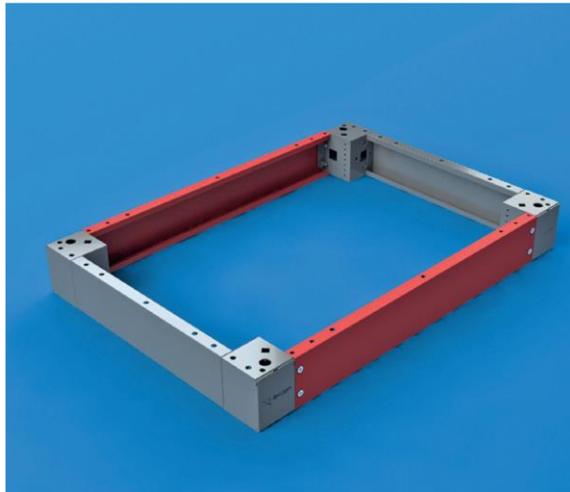
Relevant Size: PLINTH HEIGHT

Material: Corner part: 2.00mm mild steel + RAL 7012 powder-coating
Plastic Panel: RAL 7012 ABS Plastic

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

TEOS PLINTH HEIGHT	CAT No.
100	708.100

▶ PLINTH FRONT PROFILE



Relevant Size: ENCLOSURE WIDTH

Material: 1.60mm mild steel + RAL 7012 powder-coating

Supply Includes: 2 pcs 100mm high plinth Front Profile and mounting parts

ENCLOSURE WIDTH (W)	CAT No.
600	709.160
800	709.180
1000	709.100
1200	709.120

▶ PLINTH SIDE PROFILE



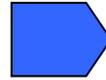
Relevant Size: ENCLOSURE DEPTH

Material: 1.60mm mild steel + RAL 7012 powder-coating

Supply Includes: 2 pcs 100mm high plinth Side Profile and mounting parts

ENCLOSURE DEPTH (D)	CAT No.
500	710.150
600	710.160
800	710.180

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



MOUNTING PLATE

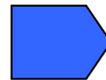
Relevant Size: ENCLOSURE WIDTH x HEIGHT

Material: Galvanized steel

Supply Includes: 1 pcs Mounting Plate and mounting parts

TEOS plus ENCLOSURE mm

WIDTH (W)	HEIGHT (H)	CAT No.
600	1800	707.618
800	1800	707.818
600	2000	707.620
800	2000	707.820
1000	2000	707.020
1200	2000	707.220



INTERMEDIATE MOUNTING PLATE

Relevant Size: ENCLOSURE WIDTH x HEIGHT

Material: Galvanized steel

Supply Includes: 1 pcs Mounting Plate, 3pcs Bracket and mounting parts

ENCLOSURE HEIGHT (H)	CAT No.
1800	712.180
2000	712.220

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



MOUNTING PLATE FOR CORNER EXTENSION

Relevant Size: ENCLOSURE HEIGHT

Material: Galvanized steel

Supply Includes: 2 pcs extension parts and assembly parts.

ENCLOSURE HEIGHT (H)	CAT No.
1800	712.181
2000	712.201



MOUNTING PLATE LEANING SYSTEM

Material: Galvanized steel

Supply Includes: 1 pcs Mounting Plate, 3pcs Bracket and mounting parts

CAT No: **943.465** (2 pcs)

 **Attention:** Intermediate mounting plate cannot be used in the mounting plate leaning application.

 **Attention:** 6 pcs bracket required.

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS

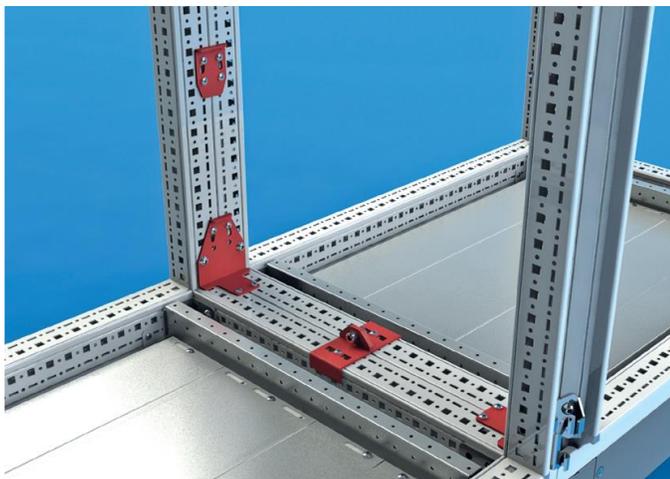


BAYING KIT

Material: 3.00mm – 4.00mm mild steel parts + zinc coated

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

CAT No: 700.000



TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



HEIGHT (H): 1800mm

ENCLOSURE DEPTH 500mm

ENCLOSURE WIDTH (W)mm

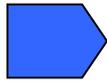
S.NO.	PRODUCT DESCRIPTION	SINGLE DOOR 600
1	TOP/BOTTOM GROUP	701.650
2	VERTICAL FRAME GROUP	702.180
3	FRONT DOOR (SOLID)	704.618
4	REAR COVER	703.618
5	MOUNTING PLATE	707.618
6	SIDE COVER	706.185
7	PLINTH CORNER PART H100mm(H2)	708.100
8	PLINTH FRONT PROFILE H100mm(H2)	709.160
9	PLINTH SIDE PROFILE H100mm(H2)	710.150
10	BAYING KIT	711.000

ENCLOSURE DEPTH 600mm

ENCLOSURE WIDTH (W)mm

S.NO.	PRODUCT DESCRIPTION	SINGLE DOOR 800
1	TOP/BOTTOM GROUP	701.860
2	VERTICAL FRAME GROUP	702.180
3	FRONT DOOR (SOLID)	704.818
4	REAR COVER	703.818
5	MOUNTING PLATE	707.818
6	SIDE COVER	706.186
7	PLINTH CORNER PART H100mm(H2)	708.100
8	PLINTH FRONT PROFILE H100mm(H2)	709.180
9	PLINTH SIDE PROFILE H100mm(H2)	710.160
10	BAYING KIT	711.000

TEOS plus+ AUTOMATION AND CONTROL SYSTEM SIZE and MODELS



HEIGHT (H): 2000mm

ENCLOSURE DEPTH 600mm

ENCLOSURE WIDTH (W)mm

S.NO.	PRODUCT DESCRIPTION	SINGLE DOOR 600	SINGLE DOOR 800	DOUBLE DOOR 1200
1	TOP/BOTTOM GROUP	701.660	701.860	701.260
2	VERTICAL FRAME GROUP	702.200	702.200	702.200
3	FRONT DOOR (SOLID)	704.620	704.820	704.220
4	REAR COVER	703.620	703.820	703.220
5	MOUNTING PLATE	707.620	707.820	707.220
6	SIDE COVER	706.206	706.206	706.206
7	PLINTH CORNER PART H100mm(H2)	708.100	708.100	708.100
8	PLINTH FRONT PROFILE H100mm(H2)	709.160	709.180	709.120
9	PLINTH SIDE PROFILE H100mm(H2)	710.160	710.160	710.160
10	BAYING KIT	711.000	711.000	711.000

ENCLOSURE DEPTH 800mm

ENCLOSURE WIDTH (W)mm

S.NO.	PRODUCT DESCRIPTION	SINGLE DOOR 800	DOUBLE DOOR 1000	DOUBLE DOOR 1200
1	TOP/BOTTOM GROUP	701.880	701.080	701.280
2	VERTICAL FRAME GROUP	702.200	702.200	702.200
3	FRONT DOOR (SOLID)	704.820	704.020	704.220
4	REAR COVER	703.820	703.020	703.220
5	MOUNTING PLATE	707.820	707.020	707.220
6	SIDE COVER	706.208	706.208	706.208
7	PLINTH CORNER PART H100mm(H2)	708.100	708.100	708.100
8	PLINTH FRONT PROFILE H100mm(H2)	709.180	709.100	709.120
9	PLINTH SIDE PROFILE H100mm(H2)	710.180	710.180	710.180
10	BAYING KIT	711.000	711.000	711.000

TEOS plus+ INTERIOR RAIL SYSTEM



2

1

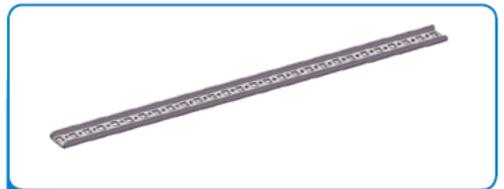
4



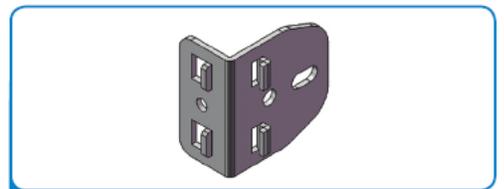
1 SCISSILE RAIL
50 x25 Perforated structure



2 HEAVY EQUIPMENT PROFILE



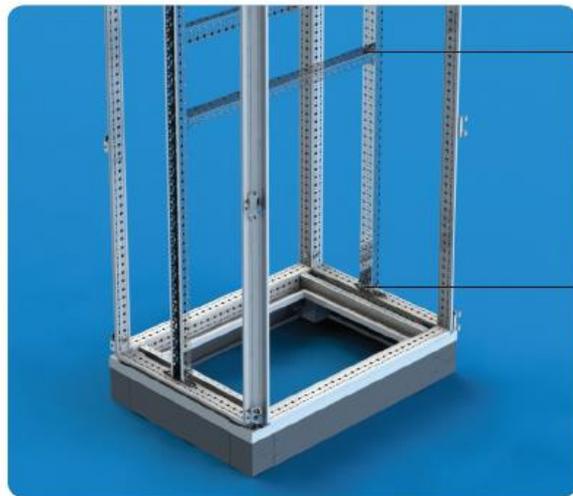
3 AUXILIARY RAIL



4 PLUG-IN RAIL BRACKET



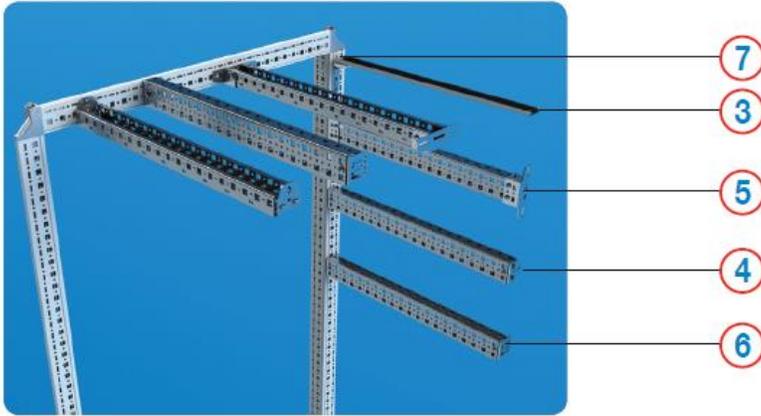
5 ADJUSTABLE RAIL BRACKET



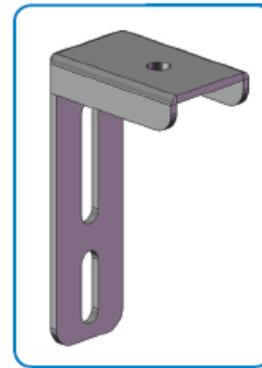
6

5

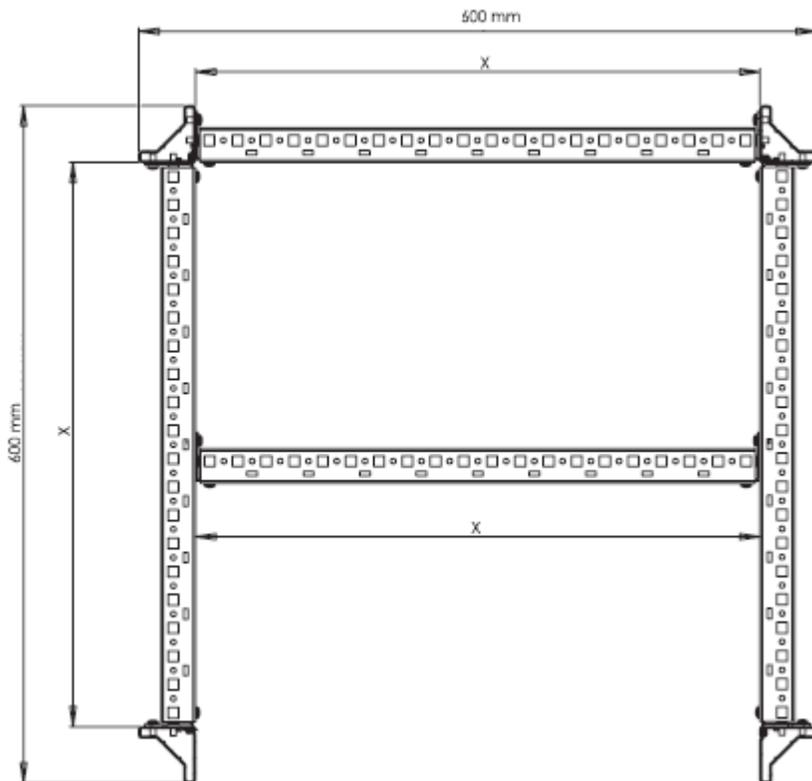
TEOS plus+ INTERIOR RAIL SYSTEM



6 ADJUSTABLE RAIL BRACKET



7
AUXILIARY RAIL BRACKET



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.

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



SCISSILE RAIL SYSTEM (50x25 cross-section)

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 2.00 mm Mild steel + zinc coated



Attention: There are brackets required to assemble rail. Please see page no.

It is designed for assembling electrical equipments into the enclosure.
It is given advantages for assembling in 3D every direction.

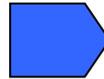
It is produced from 2 mm sheet thickness, thanks to this advantage and with bended structure it gives force.

There is a standard size; 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.

ENCLOSURE DEPTH(D)	RAIL NET LENGTH (mm)	PACK OF	CAT NO.
500	391	2	944.423
600	491	2	944.424
800	691	2	944.425
1000	891	2	944.426
1200	1091	2	944.427
1800	1691	2	944.429
2000	1891	2	944.430

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



HEAY EQUIPMENT PROFILE

Material: 3.00 mm Mild steel + zinc coated

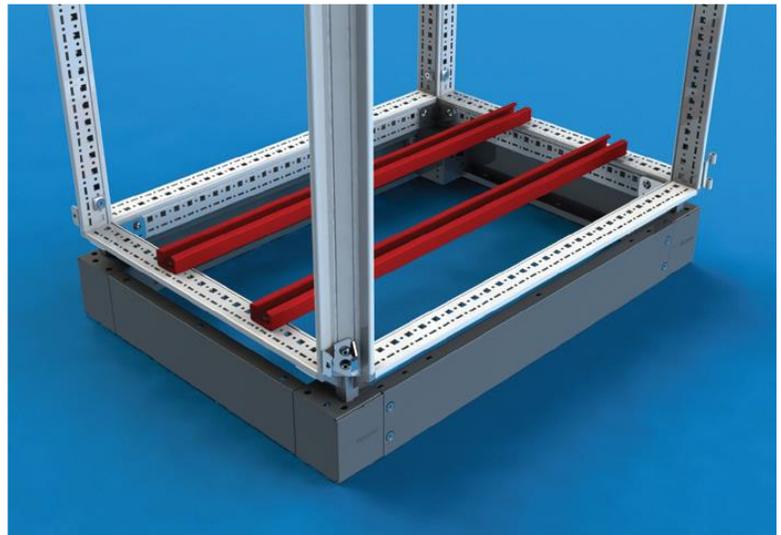
Supply includes: 2PCS Rail and assembly Screw.

Used for mounting heavy equipment such as base mounting ACB and Transformer

ENCLOSURE DEPTH(D)	RAIL NET LENGTH (mm)	PACK OF	CAT NO.
600	560	2	998.560
800	760	2	998.580
1000	960	2	998.510



Heavy Equipment application on Rail



Heavy Equipment application on Base

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



AUXILIARY RAIL

Material: 2.00 mm Mild steel + zinc coated

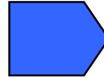
Supply includes: 1 PCS Rail

Used as top tightener on busbar supports. It can be used as freestanding or be fixed on the body with its bracket.



ENCLOSURE DEPTH(D)	RAIL NET LENGTH (mm)	PACK OF	CAT NO.
500	391	1	998.650
600	491	1	998.660
800	691	1	998.680

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM

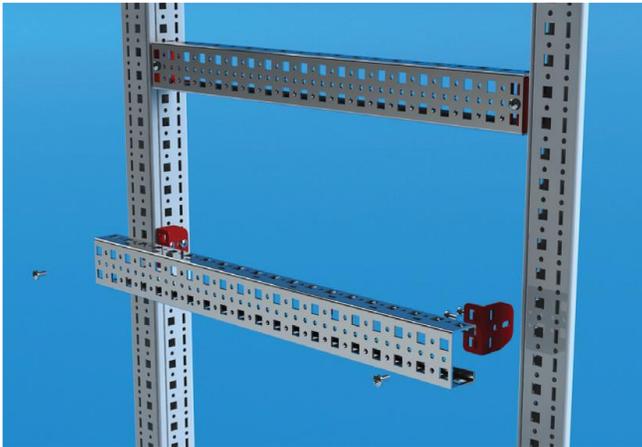


PLUG-IN RAIL BRACKET

Material: 2.00 mm Mild steel + zinc coated

CAT No: 944.422 (12 PCS with screw)
944.421 (100 PCS with screw)

- Recommended for profile mounting on the body.
- Moves on the profile or body at 25mm long steps.



Frame width and depth combination

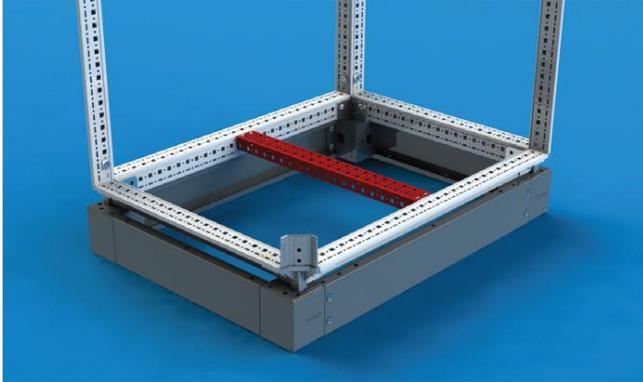


Vertical Frame Combination



Vertical Top Combination

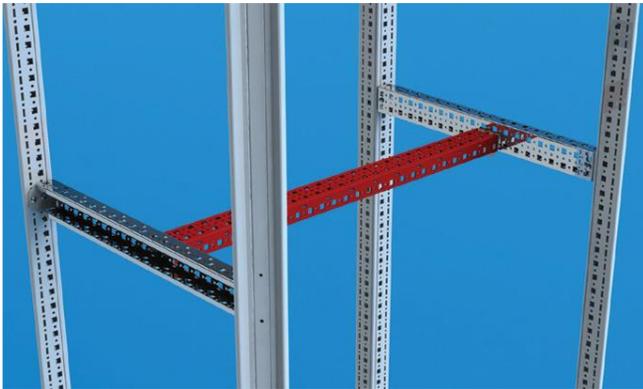
TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



Frame Bottom Combination



Rail Width Combination Vertical



Rail Width combination Horizontal

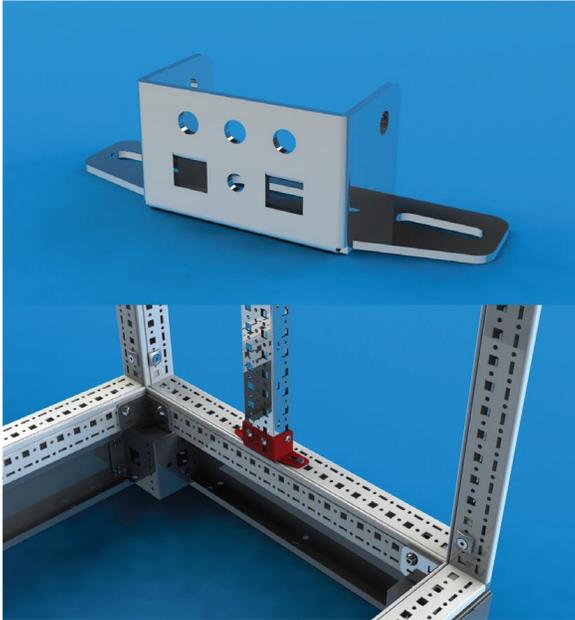


Vertical Rail Combination



Mounting Plate Combination

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



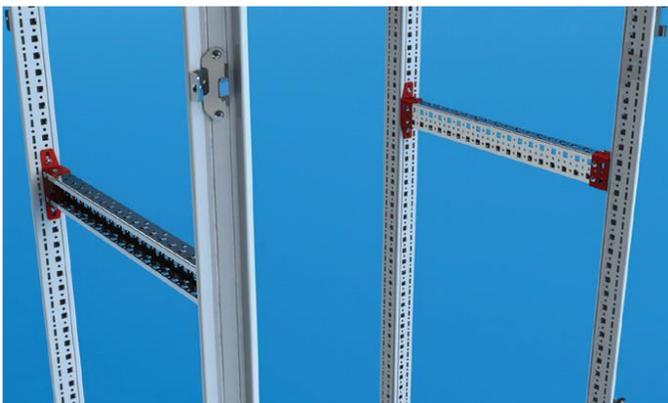
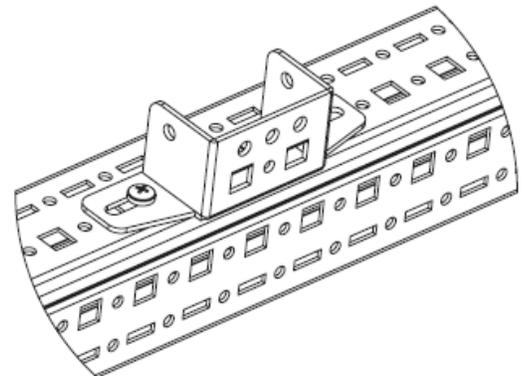
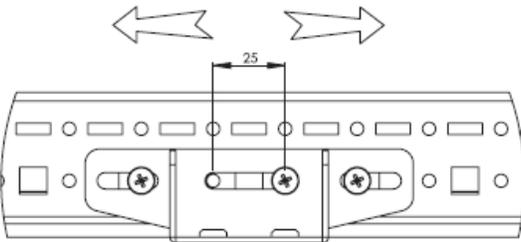
ADJUSTABLE RAIL BRACKET (TYPE T)

Material: 2.00 mm Mild steel + zinc coated

CAT No: 944.433 (4 PCS with screw)

- Used for mounting the scissile rail on the enclosure.
- Its slot perforations provides the profile with a 25mm axis
- 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

25mm movement ability on the axis



Combination of the top Frame

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



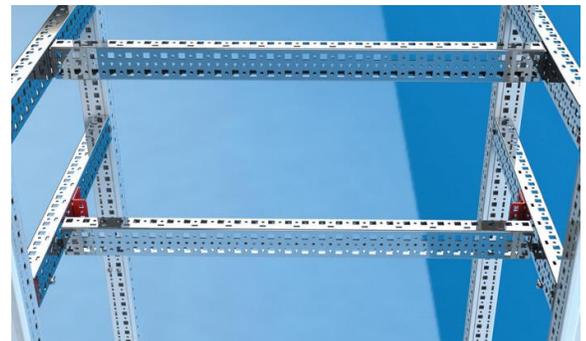
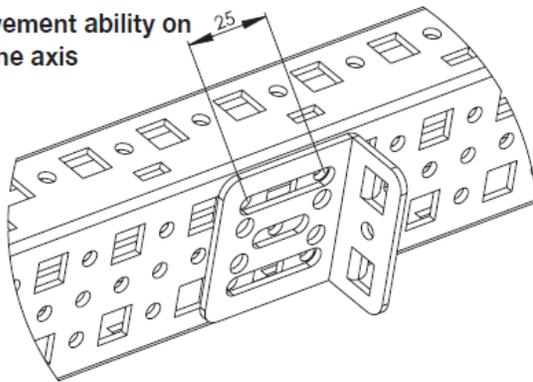
ADJUSTABLE RAIL BRACKET (TYPE L)

Material: 2.00 mm Mild steel + zinc coated

CAT No: 944.434 (4 PCS with screw)

- Used for mounting the scissile rail on the enclosure.
- Its slot perforations provides the profile with a 25mm axis
- 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 It is possible to adjust the equipment on the rail placed in the width

25mm movement ability on the axis



Width Combination on the Rail

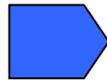


Frame Depth Combination



Frame Bottom Combination

TEOS plus+ INTERIOR RAIL SYSTEM SCISSILE RAIL SYSTEM



AUXILIARY RAIL BRACKET

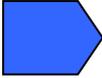
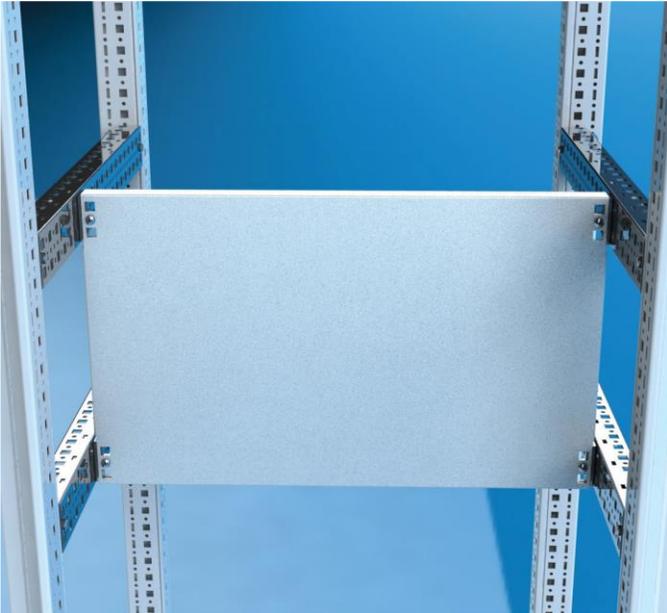
Material: 2.00 mm Mild steel + zinc coated

CAT No: 944.435 (4 PCS with screw)

- It is brocket for fixing auxiliary rail on the depth
- The rail position can be adjusted with the help of the slot
- Used particularly for fixing the top part of the busbar supports on



TEOS plus+ PARTIAL MOUNTING PLATE



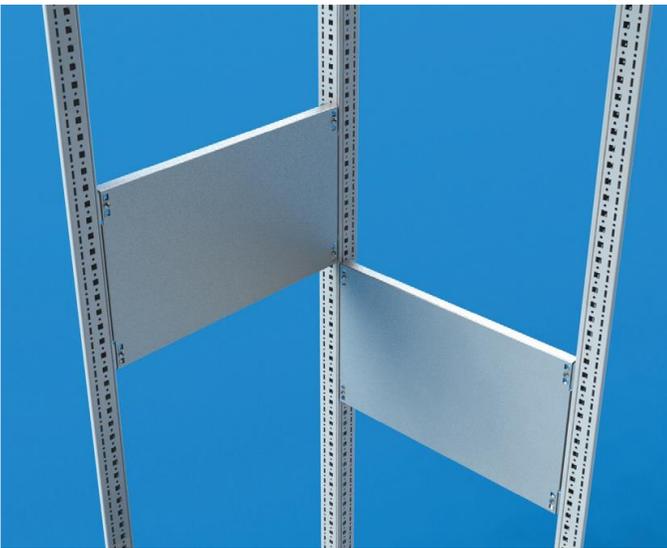
PARTIAL MOUNTING PLATE

Material: 2.00 mm galvanized steel

Supply includes: 1 PCS Mounting Plate

 **Supply includes:** 4 PCS plug-in rail bracket required for mounting the mounting plate.

Reference Cat No: 944.420 and 944.421





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Corporate Office : 1105, New Delhi House, 27, Barakhamba Road, New Delhi-110 001, Tel: +91-11-23316029/3610/6539/43673100
Registered office : Block 1E, 216, Acharya Jagadish Chandra Bose Road, Kolkata-700 017
Works-1 : 20/4, Mathura Road, Faridabad-121 001, Tel: 0129-4293000, 4063000
Works-2 : 64-68, Sector-7, IIE, Pant Nagar, Rudrapur, Udham Singh Nagar, 263 153 (Uttarakhand), Tel: 05944-250214/16