

A2.1

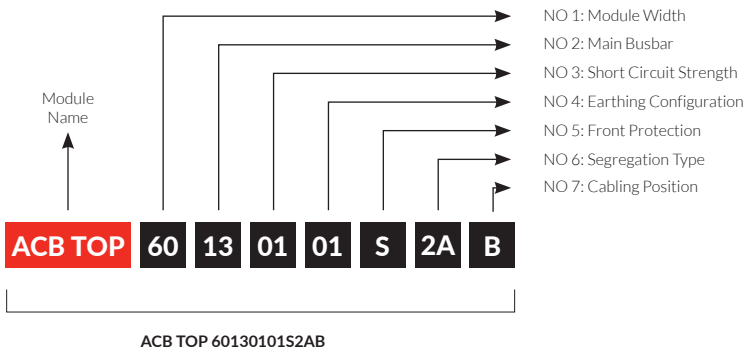
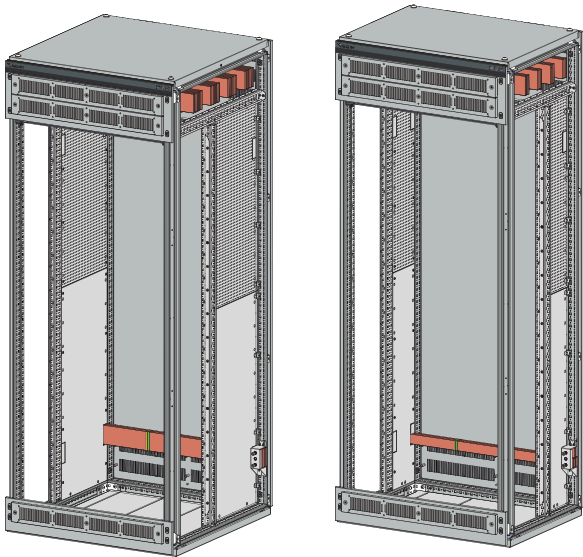
ACB MODULE (TOP BUSBAR)

07/2023



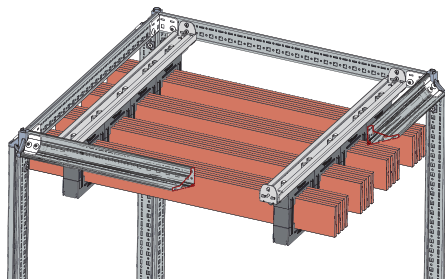
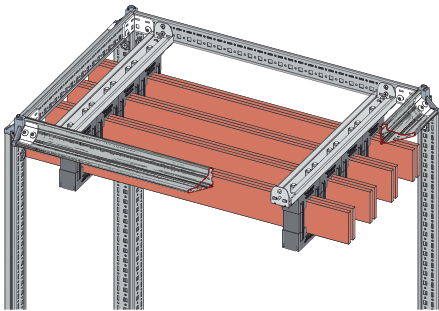
PDS
UPGRADE THE POWER

SELECTION CHARACTERISTICS



NO 1		NO 2			NO 3		NO 4		NO 5			NO 6		NO 7	
Selection Code	Module Width (W)	Selection Code	Main Busbar (In)	Module Depth (D)	Selection Code	Short Circuit Strength (Icw)	Selection Code	Earthing Configuration	Selection Code	Front Protection	Door Type	Selection Code	Segregation Type	Selection Code	Cabling Position
60	600	13	1350A	600	01	65kA	01	TN-S (1/1)	P	External	Partial	01	Form 1	B	Bottom
80	800	16	1620A		02	85kA	02	TN-S (1/2)				2A	Form 2a	R	Rear
		18	1860A				03	TN-C (PEN) (1/2)				2B	Form 2b		
		23	2300A				04	TN-C-S (1/2)				3A	Form 3a		
		25	2500A	800			05	TT (1/1)				3B	Form 3b		
		30	3000A				06	TT (1/2)				4A	Form 4a		
		34	3400A				07	IT				4B	Form 4b		
		40	4000A												

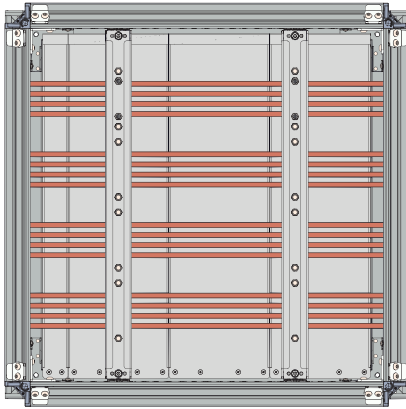
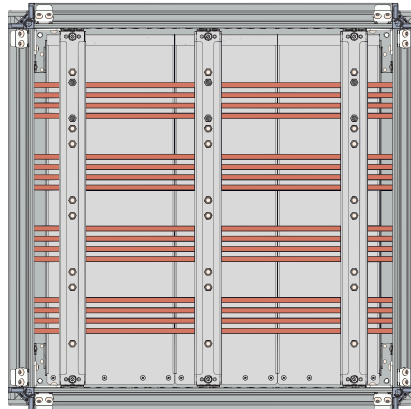
NO 1: MAIN BUSBAR



AMBIANCE TEMP : 25°C , HEATING TEMP : 30°C ,50 Hz A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/L2/L3	Neutral(N)	PE
1/2 N	1350A	40/10x2	40/5x2	20/5x2
1/1 N	1350A	40/10x2	40/10x2	40/5x2
1/2 N	1620A	50/10x2	50/5x2	25/5x2
1/1 N	1620A	50/10x2	50/10x2	50/5x2
1/2 N	1860A	60/10x2	60/5x2	30/5x2
1/1 N	1860A	60/10x2	60/10x2	60/5x2
1/2 N	2300A	80/10x2	40/10x2	40/5x2
1/1 N	2300A	80/10x2	80/10x2	40/10x2

AMBIANCE TEMP : 25°C , HEATING TEMP : 30°C ,50 Hz A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/L2/L3	Neutral(N)	PE
1/2 N	2500A	40/10x4	40/10x2	40/5x2
1/1 N	2500A	40/10x4	40/10x4	40/10x2
1/2 N	3000A	50/10x4	50/10x2	50/5x2
1/1 N	3000A	50/10x4	50/10x4	50/10x2
1/2 N	3400A	60/10x4	60/10x2	60/5x2
1/1 N	3400A	60/10x4	60/10x4	60/10x2
1/2 N	4000A	80/10x4	80/10x2	40/10x2
1/1 N	4000A	80/10x4	80/10x4	80/10x2

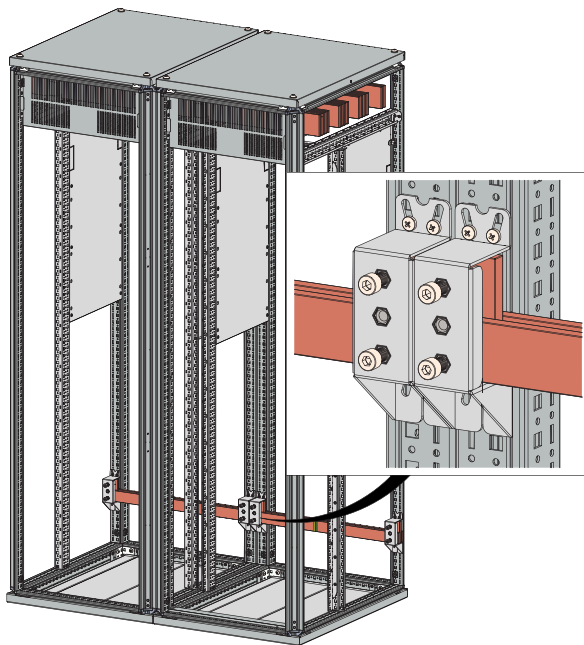
■ NO 2: SHORT CIRCUIT STRENGTH

I_{cw} : 65kAI_{cw} : 85kA

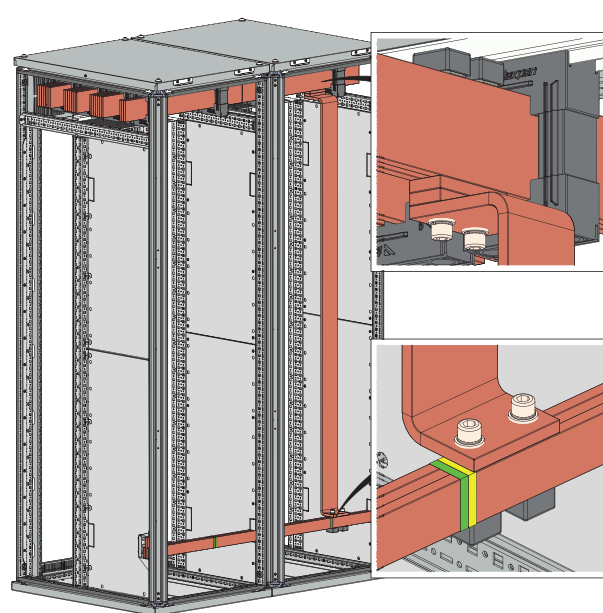
Maximum assembly distance between busbar supportd;
-65 kA 550mm(center to center)
-85 kA 300mm(center to center)

■ NO 3: EARTHING CONFIGURATION

Earthing Bar



PEN Bar



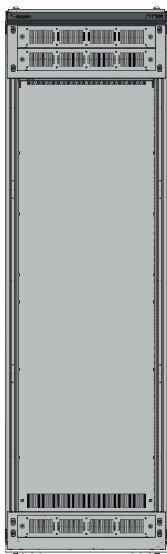
Selection Code	Power Supply Form (Size Scale of N)	Sections of Main Phases (L1/L2/L3) : 1		
		Main Busbar Size: A	Vertical Distribution Busbar Size: B	Cabling Module (Based from Vertical Busbar)
01	TN-S (1/1)	N(A/1) + PE(A/2)	L1+L2+L3+N(B/1)	PE(B/2)
02	TN-S (1/2)	N(A/2) + PE(A/4)	L1+L2+L3	N(B/2) + PE(B/4)
03	TN-C (PEN) (1/2)	PEN(A/2) + PE	L1+L2+L3	PEN(B/2)
04	TN-C-S (1/2)	PEN(A/2) + PE(A/4)	L1+L2+L3	(TN-C : PEN(B/2)) + (TN-S:N(B/2) + PE(B/4))
05	TT (1/1)	N(A/1) + PE	L1+L2+L3+N(B/1)	NONE
06	TT (1/2)	N(A/2) + PE	L1+L2+L3	N(B/2)
07	IT	PE(A/4)	L1+L2+L3	PE(B/4)

N: Neutral PE: Earthing PEN: N+PE

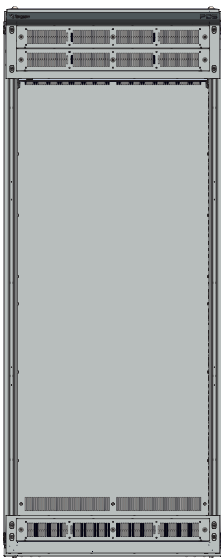
! Note : See for more details about power supply forms: Section C, Item 3. Equipotentiality and electrical continuity

■ NO 4: MODULE WIDTH

600mm Width



800mm Width

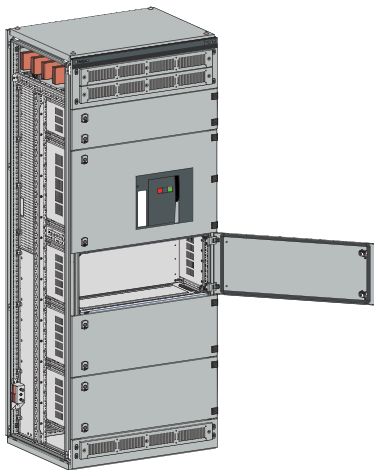


Usable Height for ACB Module (Top Busbar)

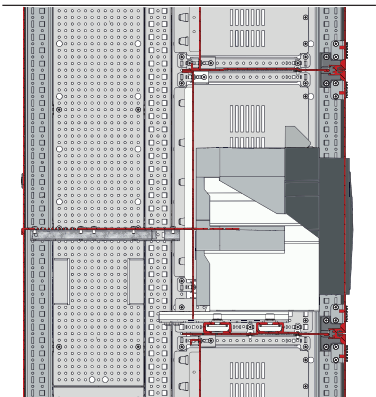
- With **External Partial Door** 1600mm

■ NO 5: FRONT PROTECTION

External - Partial Doors



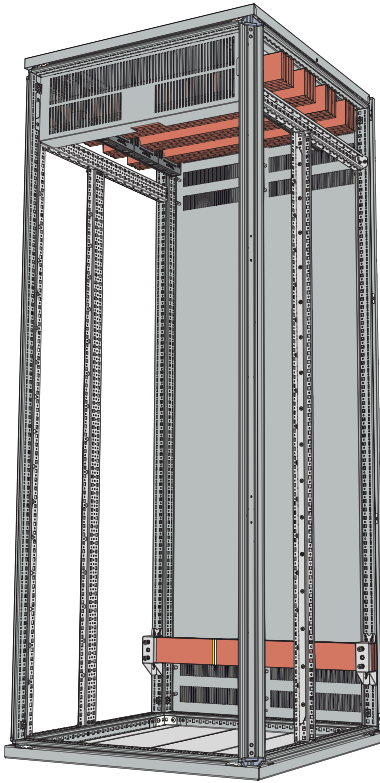
Depth View Size of External Protection



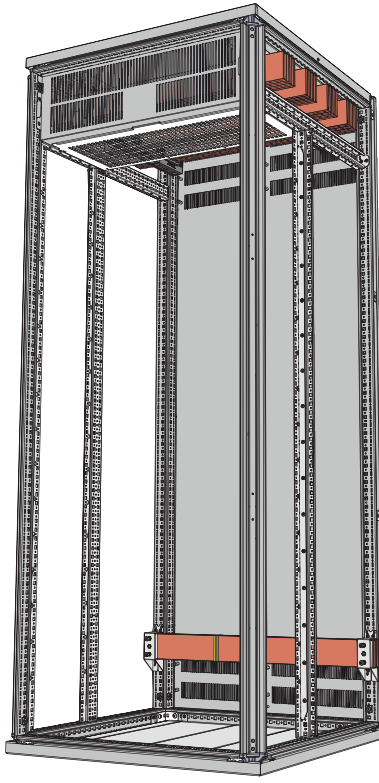
Check the Availability Size of ACB (or MCCB) According to Usable Sizes for Operation and Rotary

■ NO 6: SEGREGATION TYPE

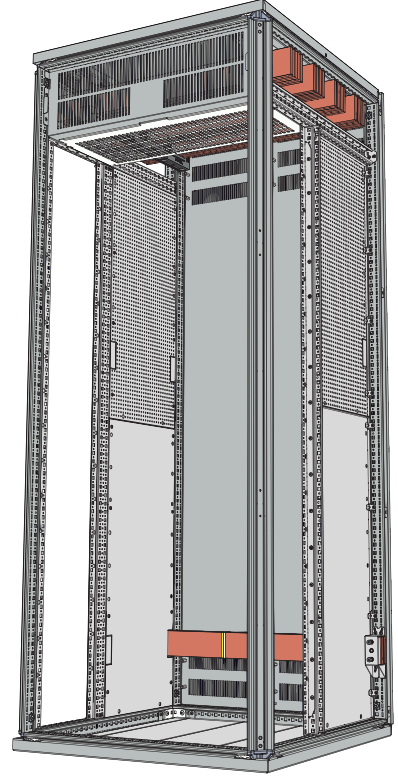
Form-1



Form-2a/3a



Form-2b/3b/4a/4b

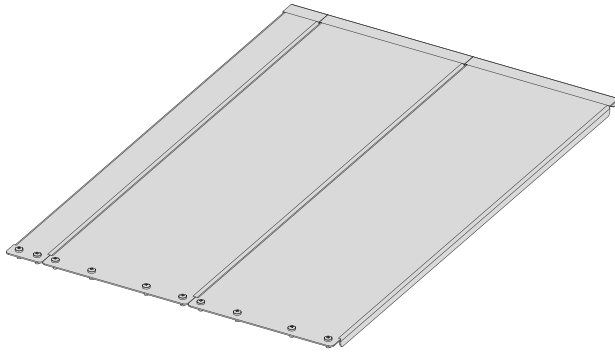


- **Form-1/2a/3a** is used scissile rail for supporting ACB Cabling Coppers.
- **Form-2b/3b/4a/4b** segregations are used with System-2 Rear Separation.

OPTIONAL PARTS

GLAND PLATES

Blank Glade Plate



- Standard protection is IP 54
- Requires cable gland for cable management
- Useful for cable entry from bottom position
- Useful as a closer while using ACB rear cable module

Foam Rubber Entry Gland Plate

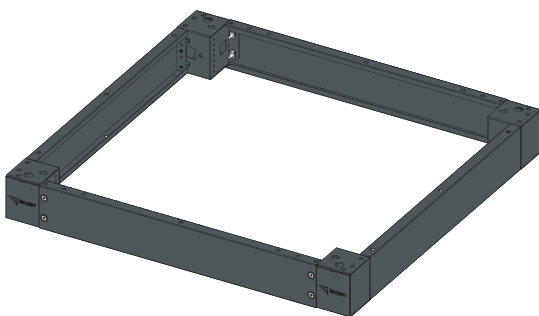


- Standard protection is IP 43
- Doesn't require cable gland for cable management.
- Useful for cable entry from bottom position

• **Blank gland plate deliveries as standard in module.** Foam Rubber Entry Gland Plates are optional products. They are not included configurations. Must be select additionally. Check the selection guide.

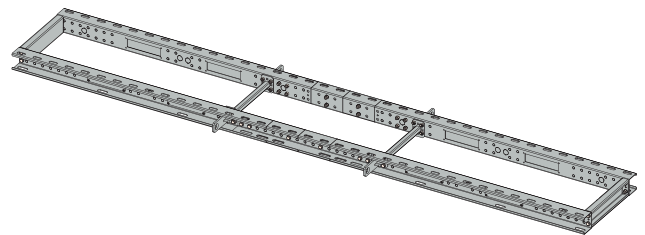
PLINTH / BASE

Modular Plinth



- Two options in heighth: 100mm or 200mm
- For transportation of switchboard, top hooks must to use.

Extendable Block Plinth

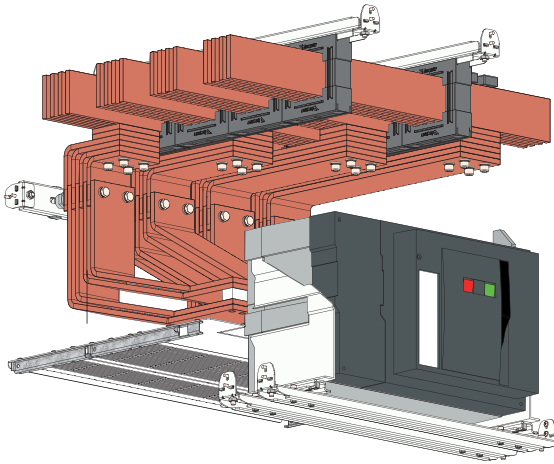


- Only option in heighth : 100mm
- Modules can fix directly on it. Means it is also joining part for modules
- Thanks to hooks on it, it can be use as a transportation part for the group of switchboard.
- In tight ceiling situations, it can be move with roll bars.

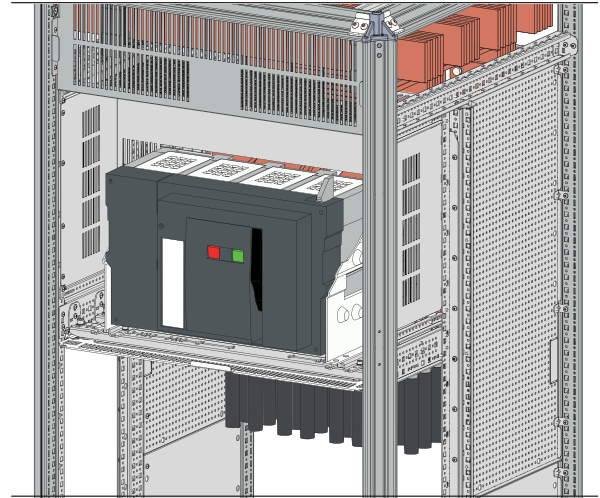
• **Plinths are optional products.** They are not included configurations. Must be select additionally. Check the selection guide.

■ INSTALLATION OF AN ACB

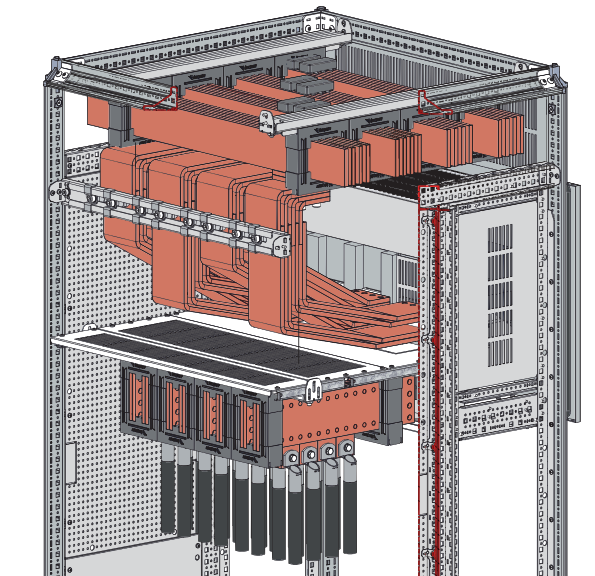
Conductor Connections from Main Busbar to ACB Input



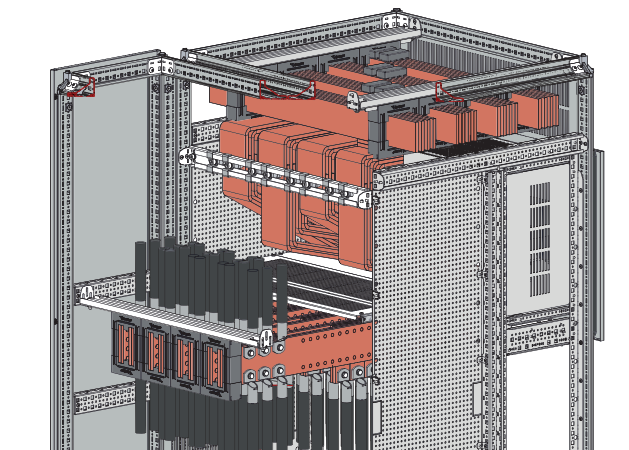
Fixing of an ACB into Module



Conductor Connections from ACB Output to Cable Bar in the Module

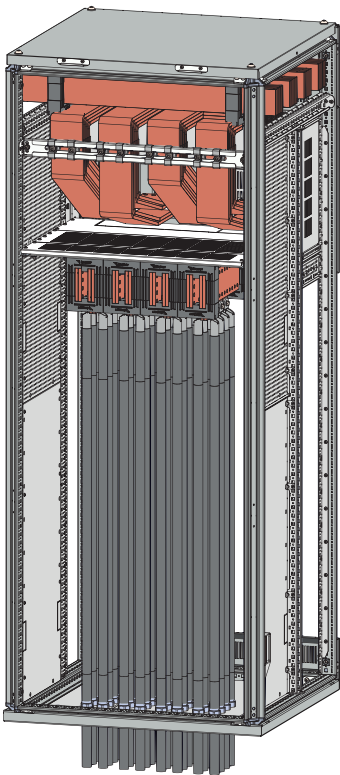


Conductor Connections from ACB Output to Cable Bar in Rear Cable Module

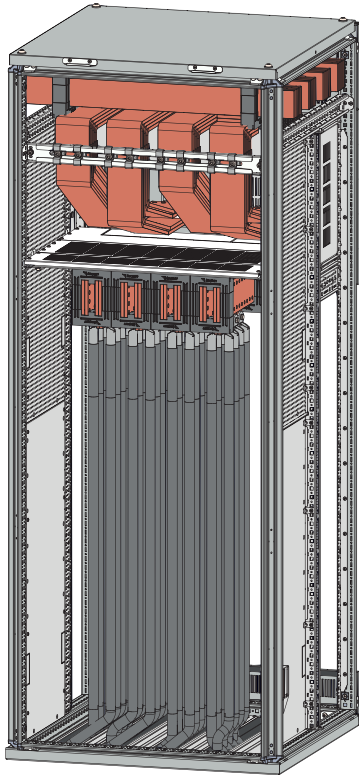


CABLING

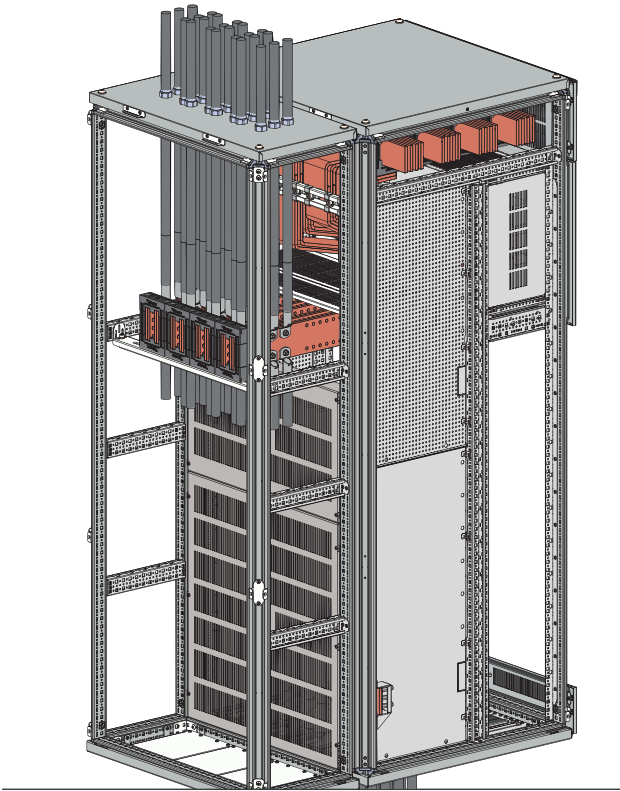
Cable Connections from Bottom
of the Module



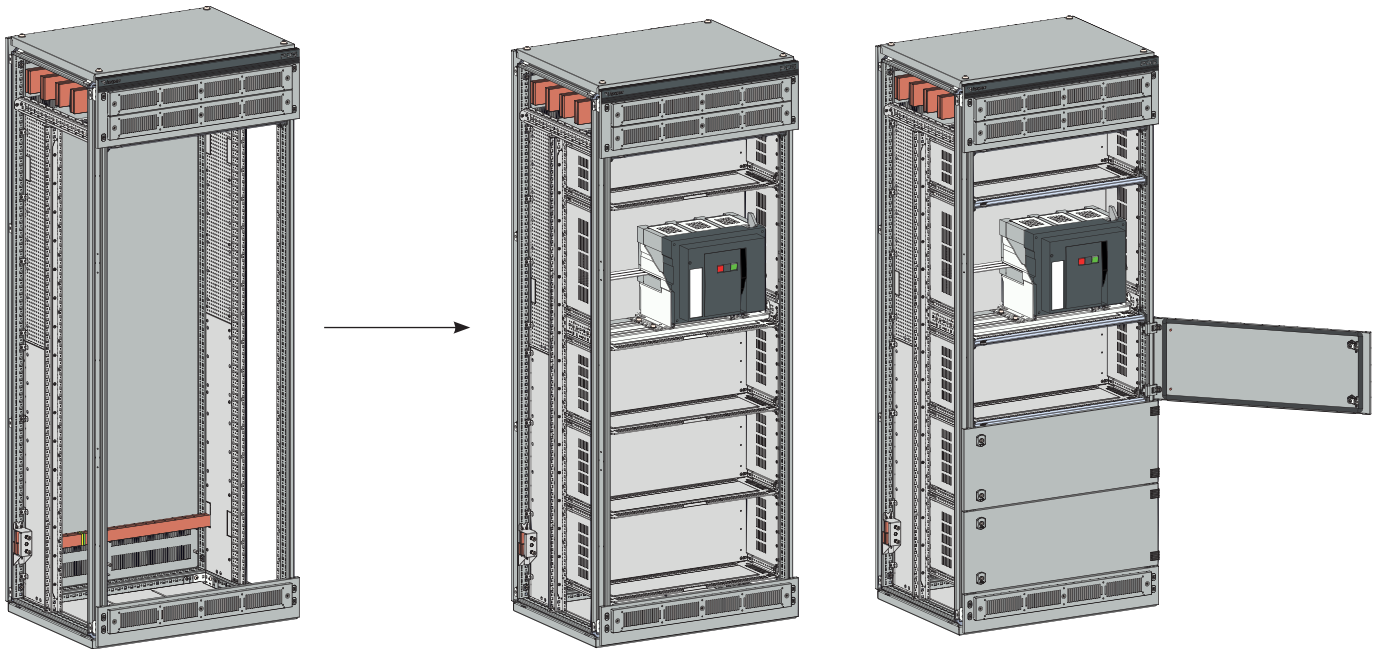
Cable Connections from Bottom
of the Module (Foam Entry)



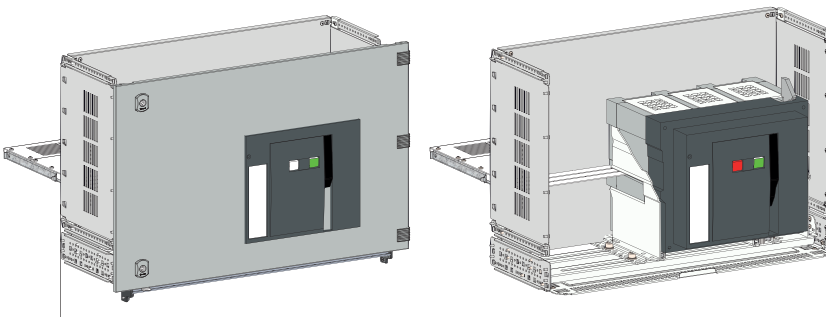
Cable Connections from Top
via the Rear Cable Module



■ LOADING with CASSETTES

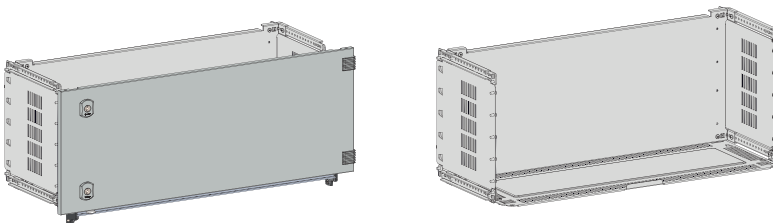


ACB CASSETTES



- 2 Options in ACB Cassettes : Branded Designs and Universal Designs
- 400mm, 500mm, 600mm Loading Height Solutions
- 600mm and 800mm Width Options. In 600mm Width only 400mm Loading Height solutions are available.
- Fixed and Drawable ACB models are both useful.
- Form 1 up to Form-4b solutions are available. The selection Form type
- See at Cassette Manuals

EMPTY CASSETTES

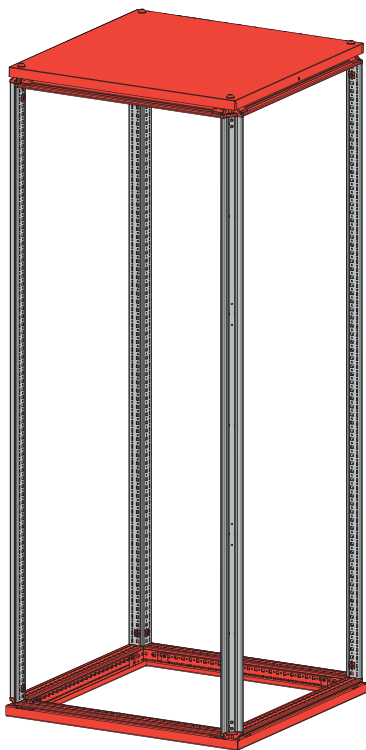


- 150, 200, 250, 300, 350, 400, 450, 500 and 600 Loading Height solutions are available.
- Useful as a concealer or equipment Cassette like as measurement.
- Form 1 up to Form-4b solutions are available. The selection Form type of Cassette must be the same as Module Form Type
- See at Cassette Manuals.



1.MAIN FRAME

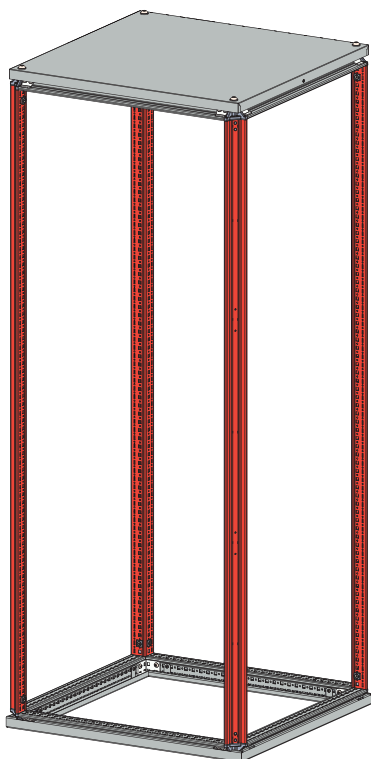
1.1 TOP&BOTTOM GROUP



WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)	
600	600	1001.662	1	1350A~2300A
800	600	1001.862	1	
600	800	1001.682	1	2500A~4000A
800	800	1001.882	1	

● Package includes **1x Upper Frame, 1x Bottom Frame, Assembly Parts.**

1.2 VERTICAL FRAME GROUP



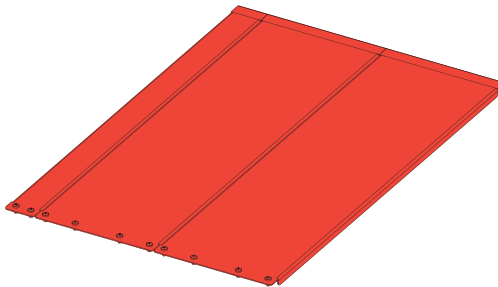
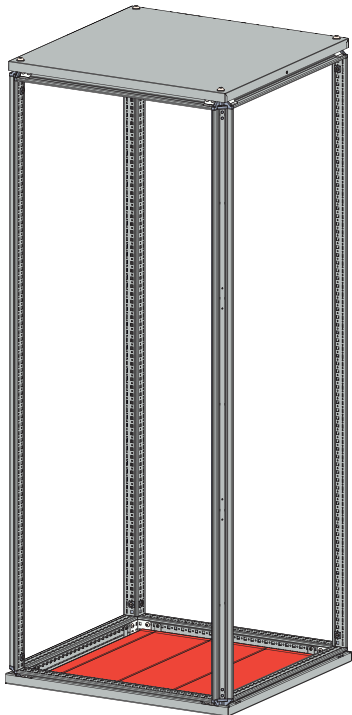
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
2000	702.200	1

● Package includes **1 Set=4 pcs. Vertical Profile.**



■ 1.3 GLAND PLATES

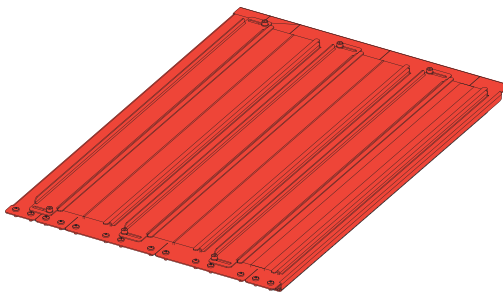
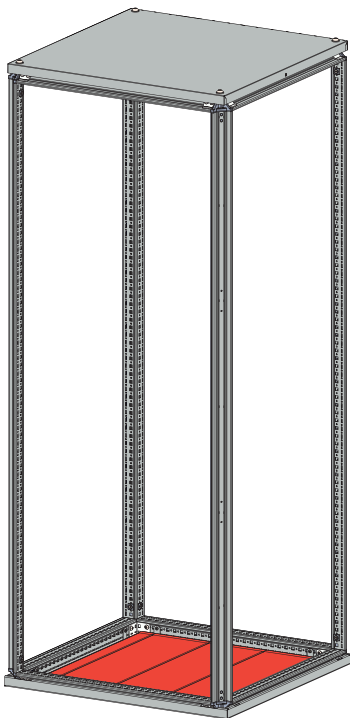
■ 1.3.1 BLANK GLAND PLATE



WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
600	600	1005.166	1
800	600	1005.186	1
600	800	1005.168	1
800	800	1005.188	1

● Package includes 1 Set=3/4 pcs. Gland Plates related with Width.

■ 1.3.2 FOAM RUBBER ENTRY GLAND PLATE



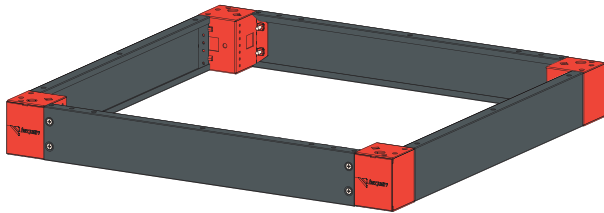
WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
600	600	1005.466	1
800	600	1005.486	1
600	800	1005.468	1
800	800	1005.488	1

● Package includes 1 Set=3/4 pcs. Foam Rubber Entry Gland Plates related with Width.



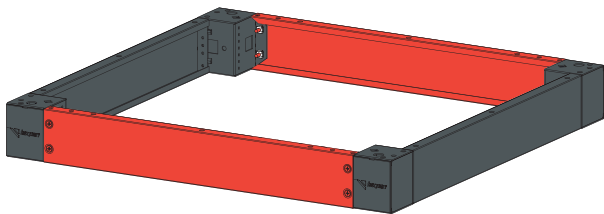
■ 1.4 PLINTH/BASE

■ 1.4.1 MODULAR PLINTH/BASE



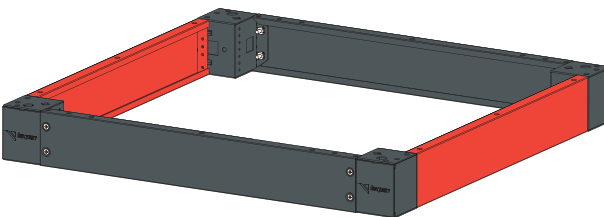
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
100	708.100	1
200	708.200	1

- Package includes **1 Set=4 pcs. 100mm/200mm Height Plinth Corner, 4 pcs. Plastic Cover.**



WIDHT(W)	REF. NO.	REQUIRED QTY. (set)
600	709.160	1
800	709.180	1

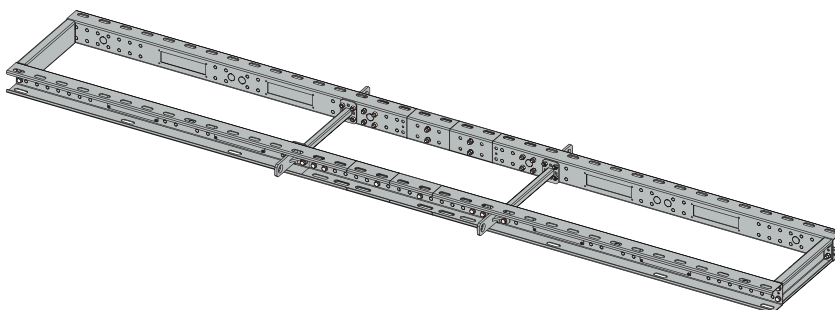
- Package includes **1 Set=2 pcs. 100mm Height Front Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.



DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
600	710.160	1
800	710.180	1

- Package includes **1 Set=2 pcs. 100mm Height Side Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.

■ 1.4.2 EXTENDABLE PLINTH/BASE

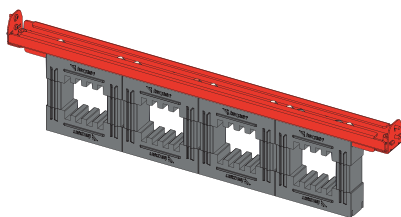
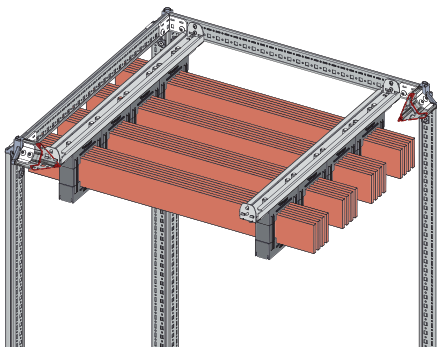


- **Extendable Plinth / Base** should be selected for buying group sections. Check page 6 at A4 Accessories Guide.



2.BUSBAR

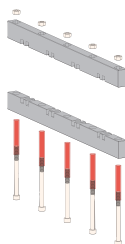
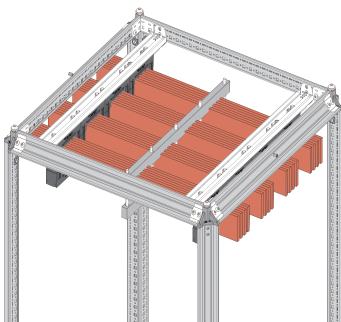
2.1.1 BUSBAR RAIL KIT



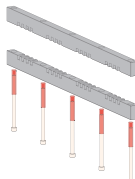
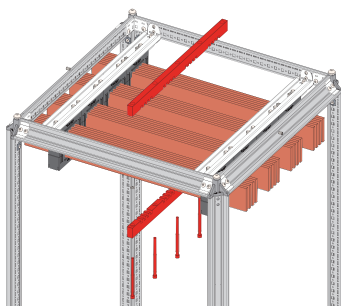
WIDTH(W)	DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	600	1010.160	2 pcs.	2
800		1010.160	2 pcs.	2
600	800	1010.180	2 pcs.	2
800		1010.180	2 pcs.	2

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for l_{cw} value.

2.1.2 BUSBAR SUPPORT INSULATOR



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
4000	1044.4088	2 pcs.	2
3400	1044.4068	2 pcs.	2
3000	1044.4058	2 pcs.	2
2500	1044.4048	2 pcs.	2



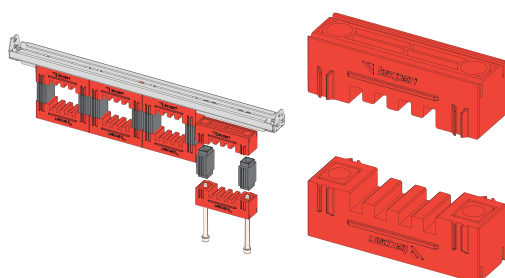
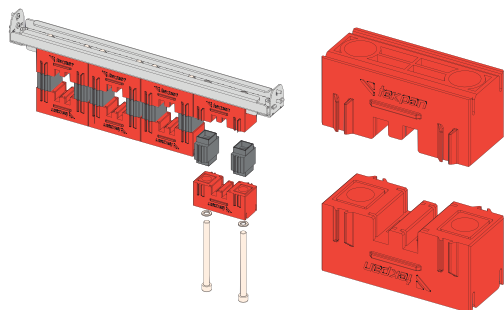
WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
2300	1044.2086	2 pcs.	2
1860	1044.2066	2 pcs.	2
1620	1044.2056	2 pcs.	2
1350	1044.2046	2 pcs.	2

- **!Note :** For 85 kA selected systems, 2 pieces must be added.



■ 2.2 BUSBAR HOLDERS

■ 2.2.1 MAIN HOLDER (L1, L2, L3)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)	Icw (kA)
2300	1009.012	6 pcs.	12	65 kA / 85 kA
1860	1009.012	6 pcs.	12	
1620	1009.012	6 pcs.	12	
1350	1009.012	6 pcs.	12	

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)	Icw (kA)
4000	1009.011	6 pcs.	12	65 kA / 85 kA
3400	1009.011	6 pcs.	12	
3000	1009.011	6 pcs.	12	
2500	1009.011	6 pcs.	12	

For Multiple Order:

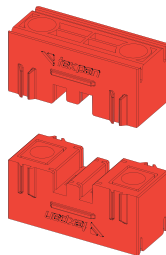
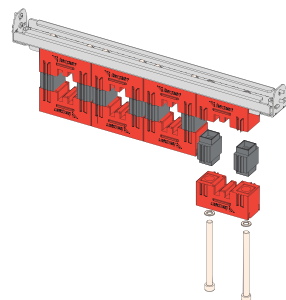
INFO	REF. NO.	PACKAGE QTY. (pcs)
4 Flat Bar	1009.021	48 pcs.
2 Flat Bar	1009.022	48 pcs.

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.

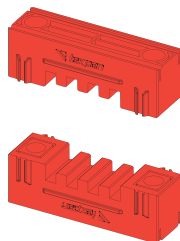
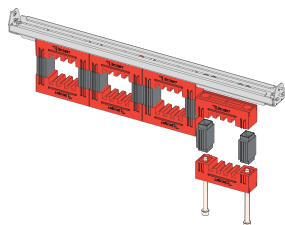


2.2.2 MAIN HOLDERS (NEUTRAL)

2.2.2.1 MAIN HOLDER (NEUTRAL 1/1 SECTION)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1009.002	2 pcs.	4	65 kA / 85 kA
1860	1009.002	2 pcs.	4	
1620	1009.002	2 pcs.	4	
1350	1009.002	2 pcs.	4	



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.001	2 pcs.	4	65 kA / 85 kA
3400	1009.001	2 pcs.	4	
3000	1009.001	2 pcs.	4	
2500	1009.001	2 pcs.	4	

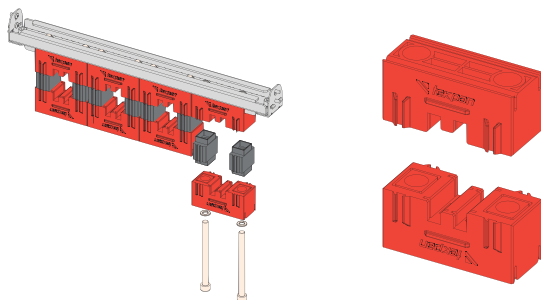
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/1), TT(1/1)** systems must be used **NEUTRAL (1/1)** section.

For Multiple Order:

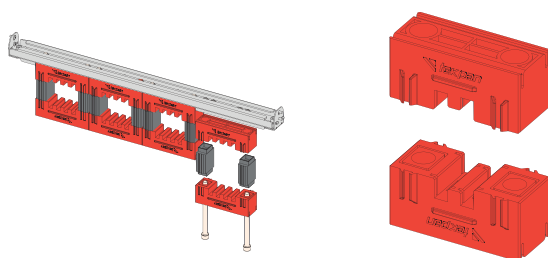
INFO	REF. NO.	PACKAGE QTY. (pcs.)
4 Flat Bar	1009.011	6 pcs.
	1009.021	48 pcs.
2 Flat Bar	1009.012	6 pcs.
	1009.022	48 pcs.



■ 2.2.2.2 MAIN HOLDER (NEUTRAL 1/2 SECTION)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1009.002	2 pcs.	4	65 kA / 85 kA
1860	1009.002	2 pcs.	4	
1620	1009.002	2 pcs.	4	
1350	1009.002	2 pcs.	4	



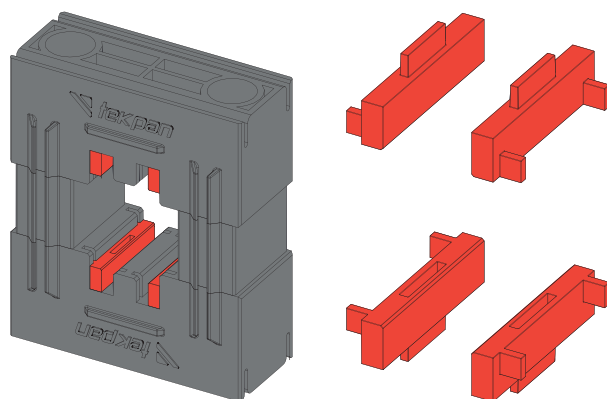
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.002	2 pcs.	4	65 kA / 85 kA
3400	1009.002	2 pcs.	4	
3000	1009.002	2 pcs.	4	
2500	1009.002	2 pcs.	4	

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must be used **NEUTRAL (1/2)** section.

For Multiple Order:

INFO	REF. NO.	PACKAGE QTY. (pcs.)
2 Flat Bar	1009.012	6 pcs.
	1009.022	48 pcs.

■ 2.2.3 MAIN HOLDER ADAPTER (NEUTRAL)



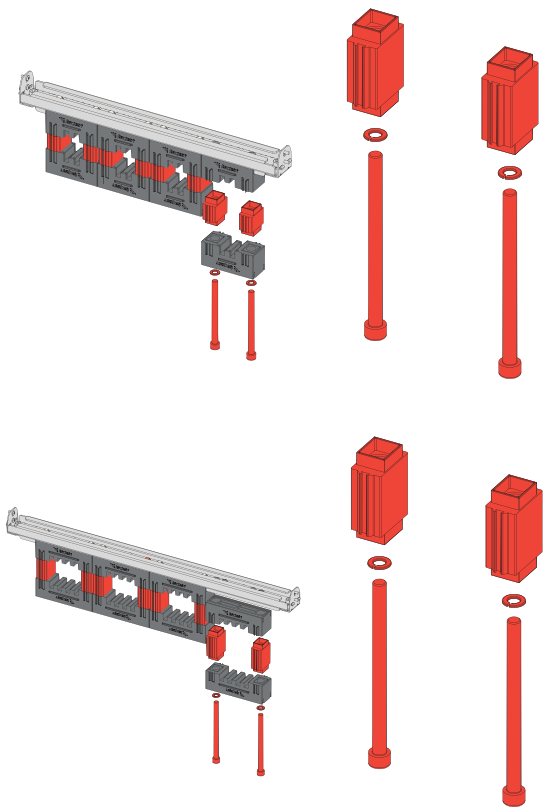
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
1860	1019.001	4 pcs.	8	65 kA / 85 kA
1620	1019.001	4 pcs.	8	
1350	1019.001	4 pcs.	8	

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must be used **NEUTRAL (1/2)** section.

For Multiple Order:

REF. NO.	PACKAGE QTY. (pcs.)
1019.011	24 pcs.

2.2.4 HOLDER HEIGHTS (L1, L2, L3)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1011.108	6 pcs.	12	65 kA / 85 kA
1860	1011.106	6 pcs.	12	
1620	1011.105	6 pcs.	12	
1350	1011.104	6 pcs.	12	

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.108	6 pcs.	12	65 kA / 85 kA
3400	1011.106	6 pcs.	12	
3000	1011.105	6 pcs.	12	
2500	1011.104	6 pcs.	12	

For Multiple Order:

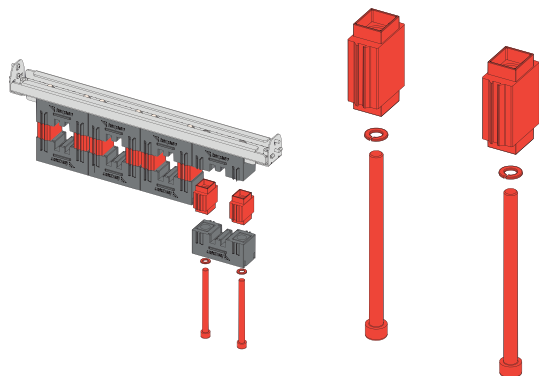
HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.204	48 pcs.
50H	1011.205	48 pcs.
60H	1011.206	48 pcs.
80H	1011.208	48 pcs.

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.

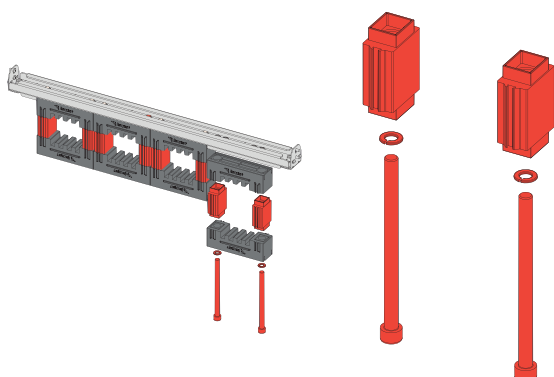


■ 2.2.5 HOLDER HEIGHTS (NEUTRAL)

■ 2.2.5.1 HOLDER HEIGHTS (NEUTRAL 1/1 SECTION)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1011.008	2 pcs.	4	65 kA / 85 kA
1860	1011.006	2 pcs.	4	
1620	1011.005	2 pcs.	4	
1350	1011.004	2 pcs.	4	



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.008	2 pcs.	4	65 kA / 85 kA
3400	1011.006	2 pcs.	4	
3000	1011.005	2 pcs.	4	
2500	1011.004	2 pcs.	4	

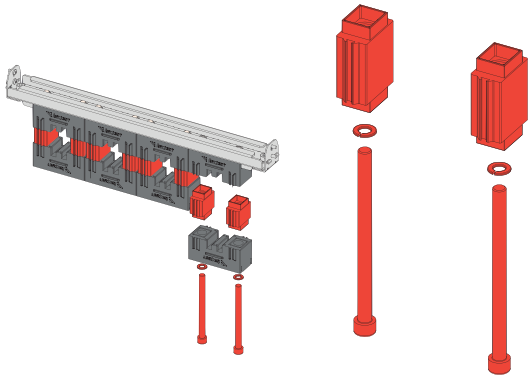
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/1), TT(1/1)** systems must be used **NEUTRAL (1/1)** section.

For Multiple Order:

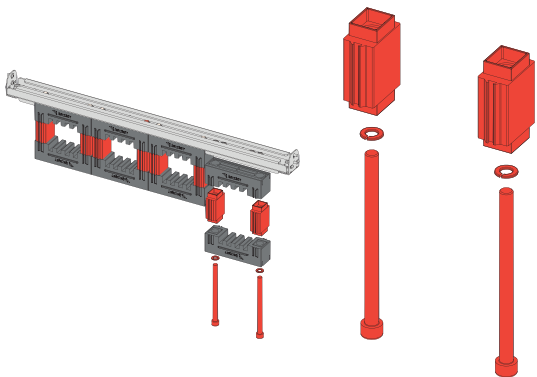
INFO	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.104	6 pcs.
	1011.204	48 pcs.
50H	1011.105	6 pcs.
	1011.205	48 pcs.
60H	1011.106	6 pcs.
	1011.206	48 pcs.
80H	1011.108	6 pcs.
	1011.208	48 pcs.



2.2.5.2 HOLDER HEIGHTS (NEUTRAL 1/2 SECTION)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1011.004	2 pcs.	4	65 kA / 85 kA
1860	1011.006	2 pcs.	4	
1620	1011.005	2 pcs.	4	
1350	1011.004	2 pcs.	4	



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.008	2 pcs.	4	65 kA / 85 kA
3400	1011.006	2 pcs.	4	
3000	1011.005	2 pcs.	4	
2500	1011.004	2 pcs.	4	

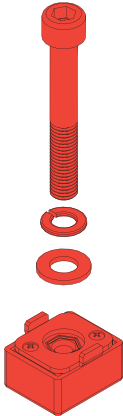
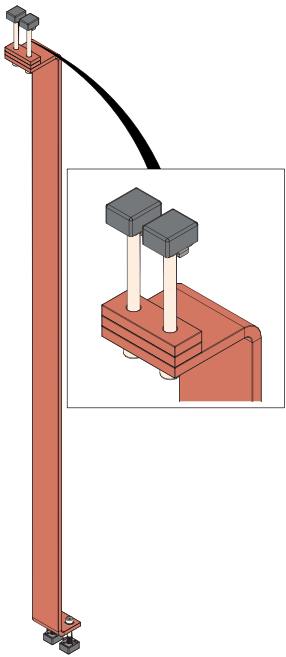
For Multiple Order:

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must be used **NEUTRAL (1/2)** section.

INFO	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.104	6 pcs.
	1011.204	48 pcs.
50H	1011.105	6 pcs.
	1011.205	48 pcs.
60H	1011.106	6 pcs.
	1011.206	48 pcs.
80H	1011.108	6 pcs.
	1011.208	48 pcs.



2.3 PEN CONNECTION KIT

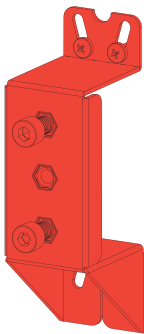
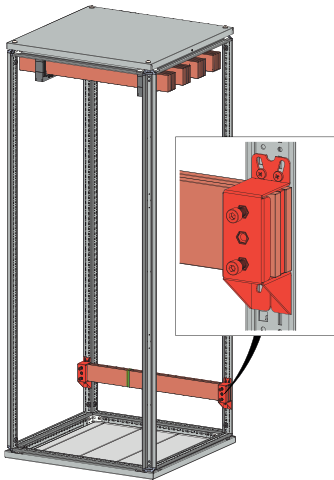


BUSBAR POWER(A)	REF. NO.	REQUIRED QTY. (set)
4000	1066.400	1
3400	1066.340	1
3000	1066.300	1
2500	1066.250	1
2300	1066.230	1
1860	1066.180	1
1620	1066.160	1
1350	1066.135	1

● Package includes **2 pcs. Flex-Connect (2 Flat Bar)** , Assembly Parts

- **TN-C (PEN)(1/2), TN-C-S(1/2)** systems must be ordered this part for **PEN connection**.
- **One PEN connection between main PEN bar and main earthing bar is sufficient in a group switchboard.**

2.4 EARTHING KIT



BUSBAR POSITION	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
TOP	1012.001	2 pcs.	2

For Multiple Order:

REF. NO.	PACKAGE QTY. (pcs.)
1012.011	12 pcs.

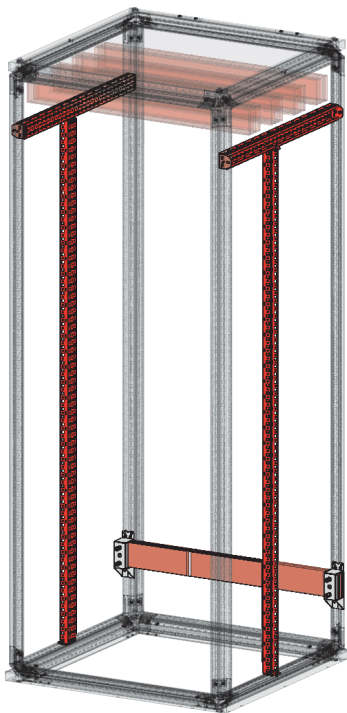
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.



3. SYSTEM - 2 SEPARATION

3.1 SYSTEM - 2 FRAME

3.1.1 SCISSILE RAIL



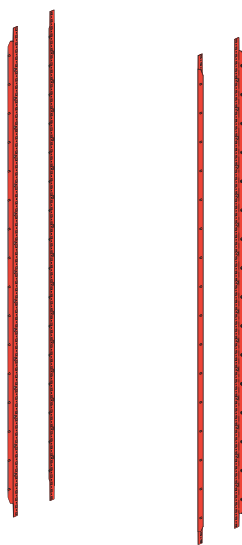
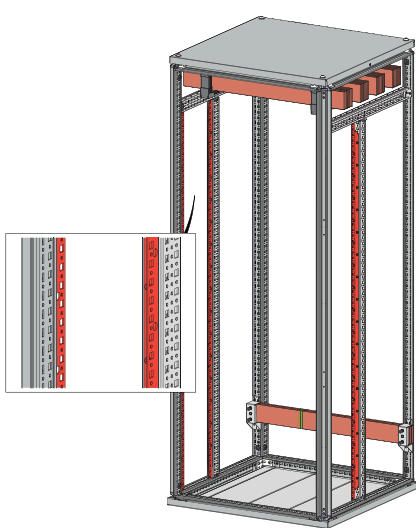
For DEPTH			
LENGHT(L)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	944.424	2 pcs.	2
800	944.425	2 pcs.	2

For HEIGHT			
LENGHT(L)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
1800	944.429	2 pcs.	2

For BRACKET		
REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
944.421	12 pcs.	8
944.420	100 pcs.	8

- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.

3.1.2 SYSTEM - 2 PROFILE



BUSBAR POSITION	REF. NO.	REQUIRED QTY. (set)
TOP	1006.018	1

- Package includes **1 Set=4 pcs. Profile, Assembly Parts**

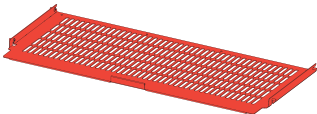
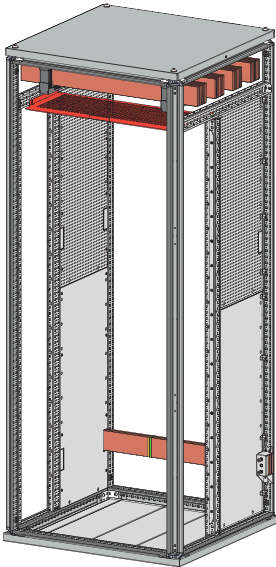
For Multiple Order:

INFO	REF. NO.	REQUIRED QTY. (set)
1800H	1006.118	3 Set (12 pcs.)



3.2 SEPARATION

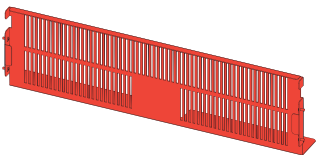
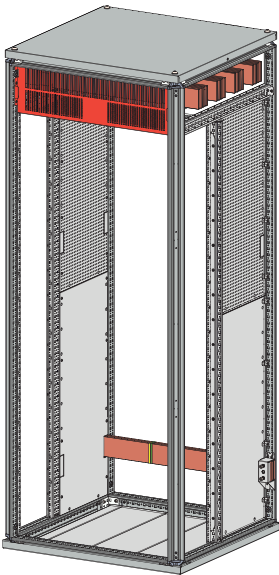
3.2.1 BUSBAR SEPARATION SHELF



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	1008.160	1 pc.	1
800	1008.180	1 pc.	1

- This section must be selected with **Form 2a, Form 2b, Form 3a, Form 3b, Form 4a, Form 4b** separating options.

3.2.2 BUSBAR SEPARATION COVER



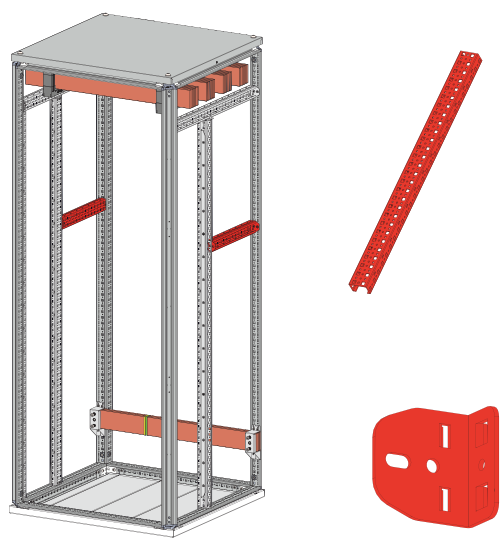
WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	1013.060	1 pc.	1
800	1013.080	1 pc.	1

- This part must be selected with all separating options.



3.2.3 SYSTEM-2 REAR SEPARATION

3.2.3.1 SYSTEM-2 REAR SEPARATION (FORM-1/2a/3a)

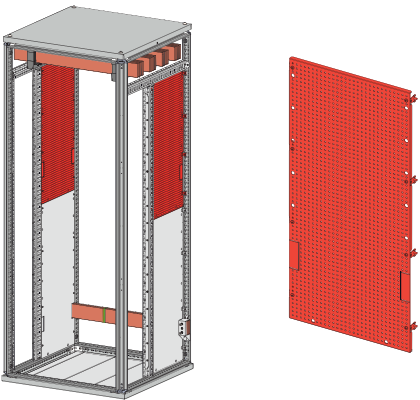


For DEPTH					
DEPTH (D)	LENGTH (mm)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)	
600	166	1006.004	2 pcs.	2	1350A~2300A
800	366	1006.003	2 pcs.	2	2500A~4000A

For BRACKET		
REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
944.421	12 pcs.	4

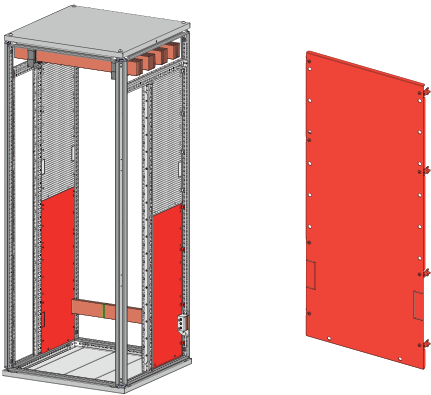
● This section must be selected with **Form 1, Form 2a, Form 3a** separating options.

3.2.3.2 SYSTEM-2 REAR SEPARATION (FORM - 2b/3b/4a/4b)



TOP			
DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
600	1014.685	2 pcs.	2
800	1014.885	2 pcs.	2

● This section must be selected with **Form 2b, Form 3b, Form 4a, Form 4b** separating options.



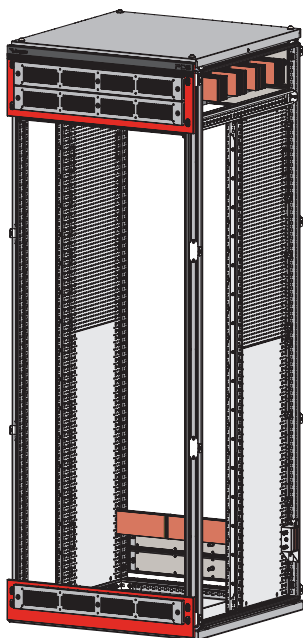
BOTTOM			
DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
600	1014.690	1 pcs.	2
800	1014.890	1 pcs.	2

● This section must be selected with **Form 2b, Form 3b, Form 4a, Form 4b** separating options.



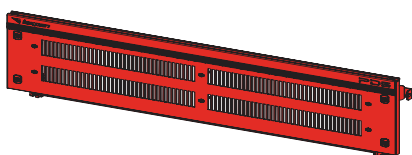
■ 4. FRONT - REAR PANELS

■ 4.1 EXTERNAL PARTIAL DOORS



- **External Partial Door** usable area height is max. 1600mm.
- **Fixed Bottom Cover** height have to 100 for max. assembly area.

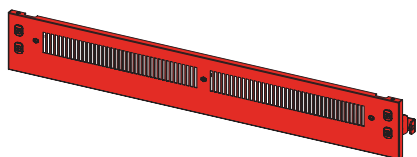
■ 4.1.1 FIXED TOP PARTIAL COVER



WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
600	200	1016.620	1 pc.	1
800	200	1016.820	1 pc.	1

- Package includes **1 pcs. Top Partial Cover, Assembly Parts**

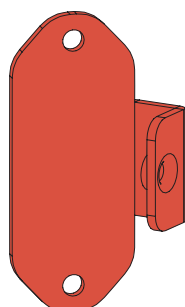
■ 4.1.2 FIXED BOTTOM PARTIAL COVER



WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
600	100	1018.610	1 pc.	1
600	150	1018.615	1 pc.	1
600	200	1018.620	1 pc.	1
800	100	1018.810	1 pc.	1
800	150	1018.815	1 pc.	1
800	200	1018.820	1 pc.	1

- Package includes **1 pcs. Bottom Partial Cover, Assembly Parts.**

■ 4.1.3 TEOS SINGLE TYPE MID BRACKET

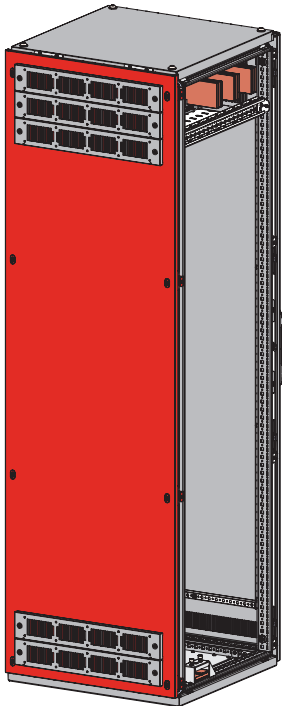


REF. NO.	REQUIRED QTY. (set.)
1003.001	1

- Package includes **1 Set=4 pcs. Bracket, Assembly Parts.**



■ 4.3 REAR PANEL



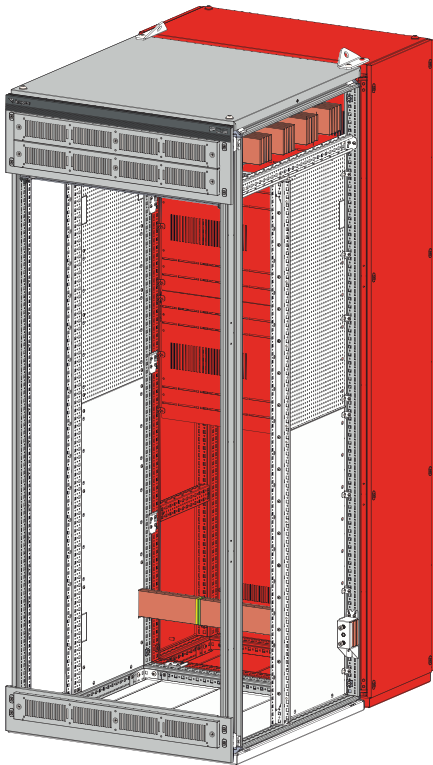
WIDTH(W)	HEIGHT(H)	REF. NO.	REQUIRED QTY. (pcs.)
600	2000	1003.620	1
800	2000	1003.820	1

● Package includes **1 pcs. Ventilated Rear Panel, Assembly Parts.**

! **Note** :Ventilation filters are optional products. Choose from 'A4 ACCESSORIES' catalog.



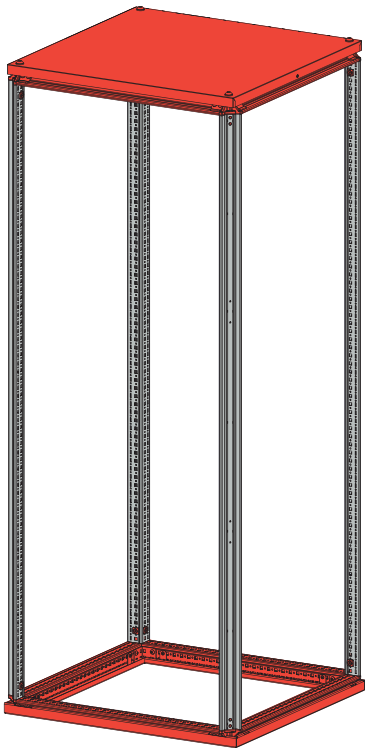
5. ACB REAR CABLING MODULE



- ACB Rear Cabling Module is creating more cabling area for ACB Modules.
- 600Wx400D and 800Wx400D only options for this additional module.
- It is only for ACB Modules.
- For Top cable entrance; ACB Module (Top Busbar) must be selected with this cabling module.

5.1 FRAME

5.1.1 TOP&BOTTOM GROUP

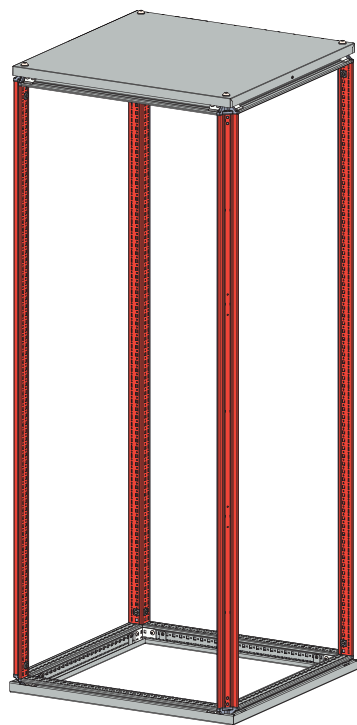


WIDTH(W)	DEPTH (D)	REF. NO.	REQUIRED QTY. (set.)
600	400	1001.642	1
800	400	1001.842	1

- Package includes **1x Upper Frame, 1x Bottom Frame, Assembly Parts.**



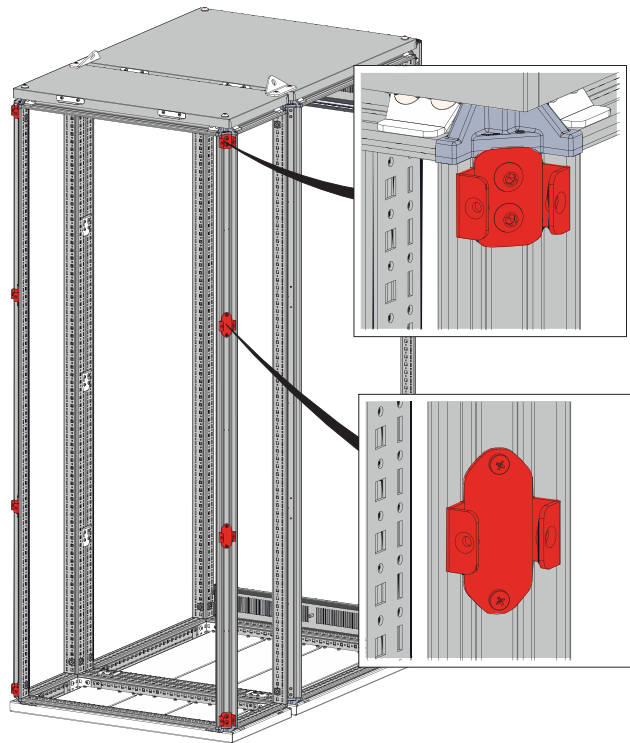
5.1.2 VERTICAL FRAME GROUP



HEIGHT	REF. NO.	REQUIRED QTY. (set.)
2000	702.200	1

Package includes 1 Set=4 pcs. Vertical Profile.

5.1.3 TEOS STANDARD BRACKET KIT



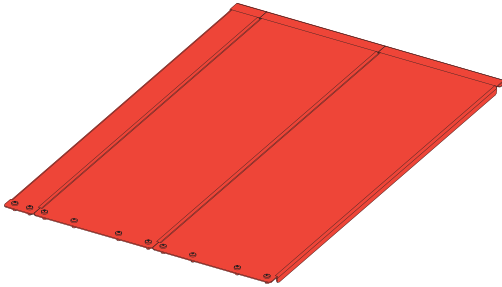
REF. NO.	REQUIRED QTY. (set.)
1003.002	1

- Additional brackets for rear and side panels.
- Package includes 4 pcs. Teos Top Panel Bracket, 4 pcs. Teos Mid Panel Bracket, Assembly Parts.



■ 5.1.4 GLAND PLATES

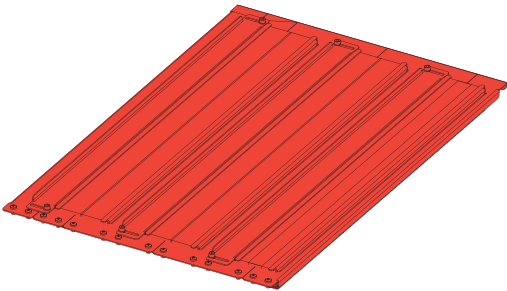
■ 5.1.4.1 BLANK GLAND PLATE



WIDTH(W)	DEPTH (D)	REF. NO.	REQUIRED QTY. (set.)
600	400	1005.164	1
800	400	1005.184	1

● Package includes **1 Set=3/4 pcs. Gland Plates** related with Width.

■ 5.1.4.2 FOAM RUBBER ENTRY GLAND PLATE

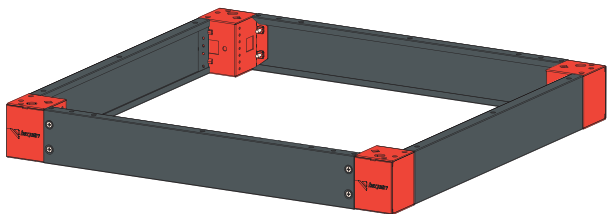


WIDTH(W)	DEPTH (D)	REF. NO.	REQUIRED QTY. (set.)
600	400	1005.464	1
800	400	1005.484	1

● Package includes **1 Set=3/4 pcs. Foam Rubber Entry Gland Plates** related with Width.

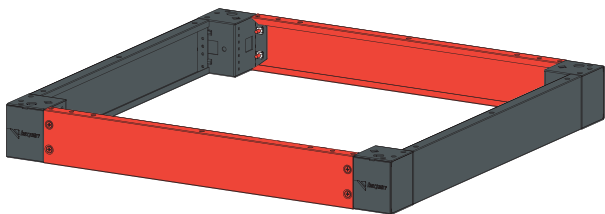


■ 5.1.5 PLINTH



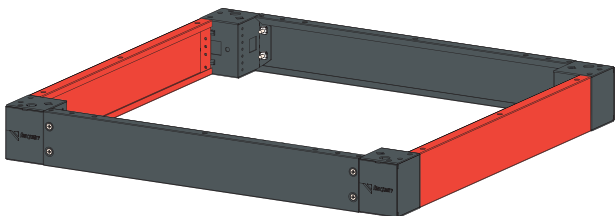
HEIGHT	REF. NO.	REQUIRED QTY. (set.)
100	708.100	1
200	708.200	1

- Package includes **1 Set=4 pcs. 100mm/200mm Height Plinth Corner, 4 pcs. Plastic Cover.**



WIDTH (W)	REF. NO.	REQUIRED QTY. (set.)
600	709.160	1
800	709.180	1

- Package includes **1 Set=2 pcs. 100mm Height Front Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.

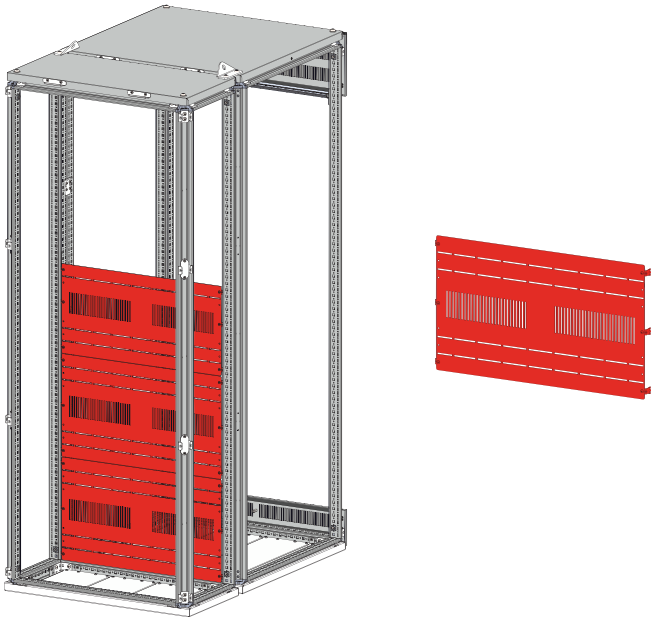


DEPTH (H)	REF. NO.	REQUIRED QTY. (set.)
400	710.140	1

- Package includes **1 Set=2 pcs. 100mm Height Side Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.



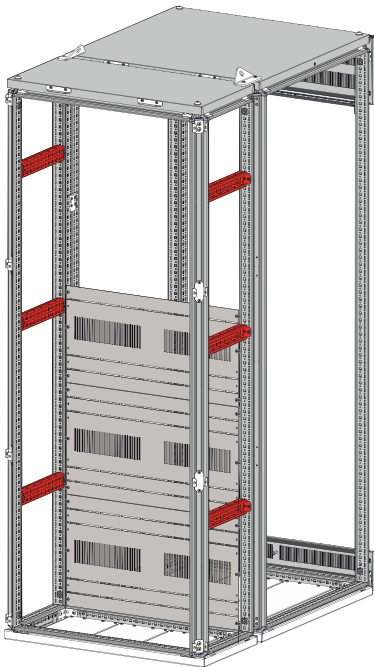
■ 5.2 ACB CABLING SEPARATION COVER



WIDTH (W)	REF. NO.	REQUIRED QTY. (set)
600	1055.060	1
800	1055.080	1

● Package includes **1 Set=3 pcs. 400 Hx(600/800)W Separation Cover, Assembly Parts.**

■ 5.3 SCISSILE RAILS(FOR CABLING BARS)

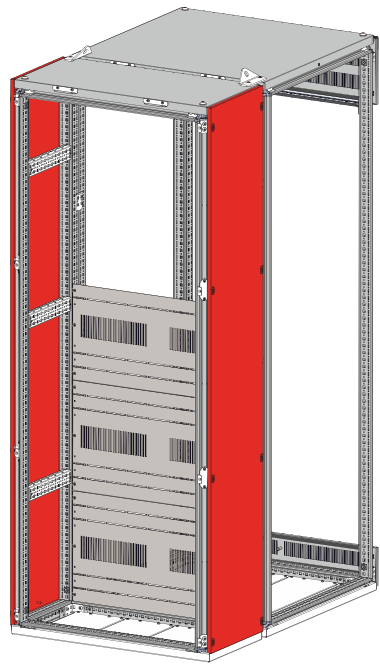


For DEPTH			
DEPTH (H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
400	944.422	2 pcs.	6

For BRACKET		
REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs)
944.421	12 pcs.	12



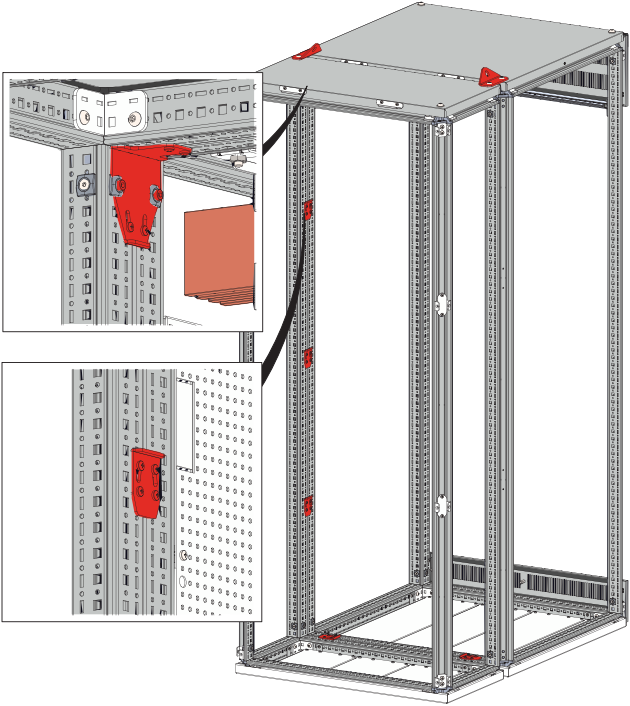
■ 5.4 SIDE PANELS



DEPTH (H)	REF. NO.	REQUIRED QTY. (set)
400	706.204	1

- Package includes **1 Set=2 pcs. Side Panel, Assembly Parts.**

■ 5.5 ASSEMBLY KIT



REF. NO.	REQUIRED QTY. (set.)
1036.002	1

- Must be selected for ACB Cabling Module assembly to ACB Module.
- Package includes **2 pcs. Angular Bracket, 2 pcs. Lifting Hook, 8 pcs. Fixing Bracket, Gasket, Assembly Parts.**



PDS
UPGRADE THE POWER