

A2.9

CABLING MODULE

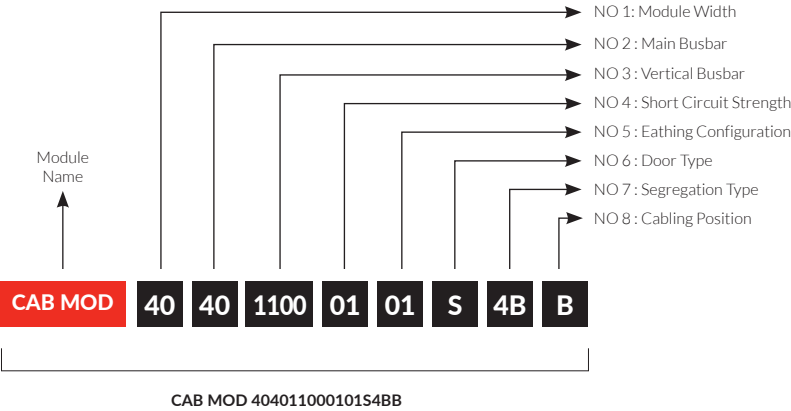
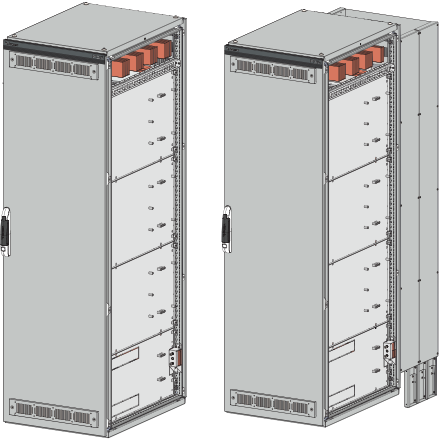
07/2023



PDS

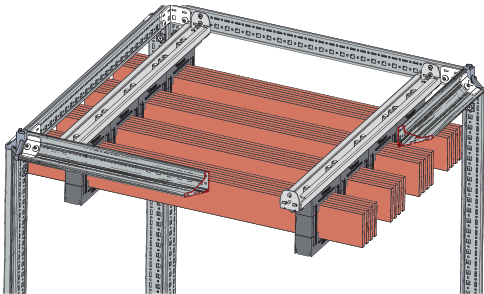
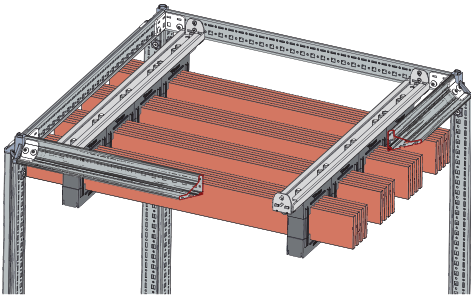
UPGRADE THE POWER

SELECTION CHARACTERISTICS



NO 1		NO 2			NO 3			NO 4		NO 5		NO 6			NO 7		NO 8	
Selection Code	Module Width (W)	Selection Code	Main Busbar (In)	Module Depth (D)	Selection Code	Vertical Busbar(In)	Module Depth(D)	Selection Code	Short Circuit Strength(lcw)	Selection Code	Earthing Configuration	Selection Code	Front Protection	Door Type	Selection Code	Segregation Type	Selection Code	Cabling Position
40	400	13	1350A	600	0495	495A	600/800	01	65kA	01	TN-S (1/1)	S	External	Solid	01	Form 1	B	Bottom
60	600	16	1620A		0700	700A	600/800	02	85kA	02	TN-S (1/2)				2A	Form 2a	R	Rear
		18	1860A		0900	900A	600/800			03	TN-C (PEN) (1/2)				2B	Form 2b		
		23	2300A		1100	1100A	600/800			04	TN-C-S (1/2)				3A	Form 3a		
		25	2500A	800	1300	1300A	600/800			05	TT (1/1)				3B	Form 3b		
		30	3000A		1350	1350A	600/800			06	TT (1/2)				4A	Form 4a		
		34	3400A		1620	1620A	600/800			07	IT				4B	Form 4b		
		40	4000A		1860	1860A	600/800											
					2300	2300A	600/800											
					2500	2500A	800											
					3000	3000A	800											
					3400	3400A	800											
					4000	4000A	800											

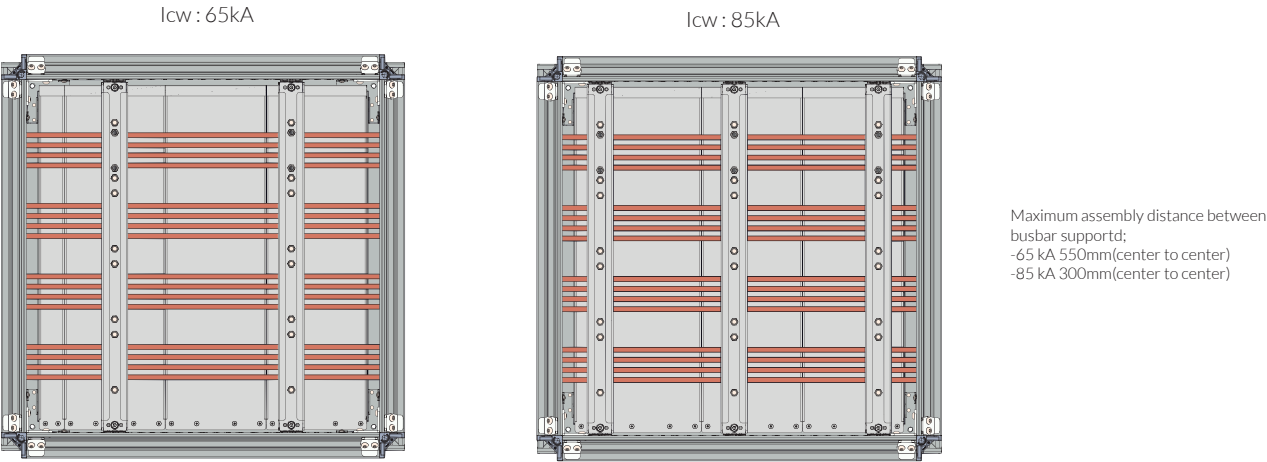
NO 1: MAIN BUSBAR



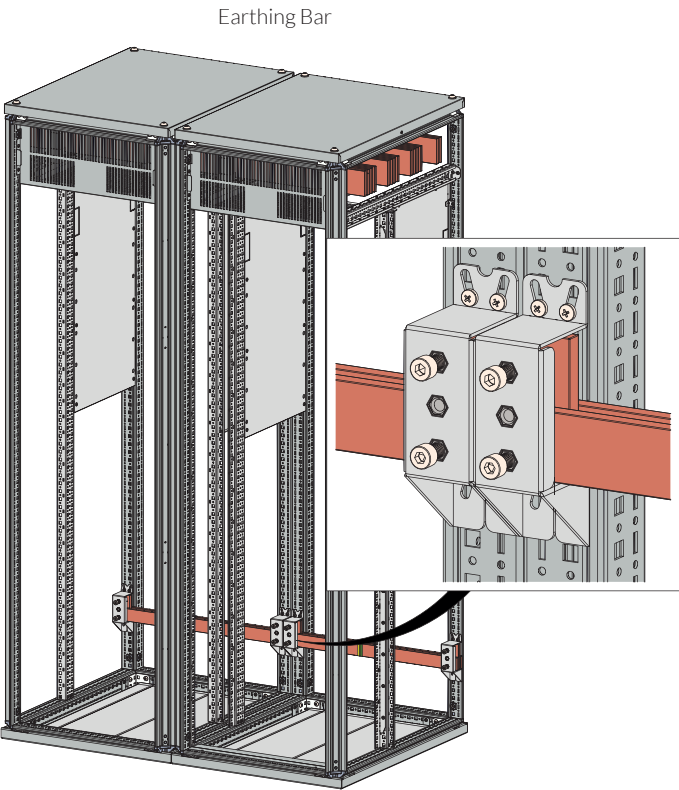
AMBIANCE TEMP : 25°C , HEATING TEMP : 30°C ,50 Hz A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/L2/L3	Neutral(N)	PE
1/2 N	1350A	40/10x2	40/5x2	20/5x2
1/1 N	1350A	40/10x2	40/10x2	40/5x2
1/2 N	1620A	50/10x2	50/5x2	25/5x2
1/1 N	1620A	50/10x2	50/10x2	50/5x2
1/2 N	1860A	60/10x2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



■ NO 3: EARTHING CONFIGURATION



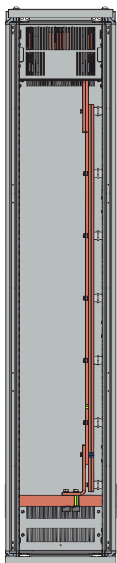
Selection Code	Power Supply Form (Size Scale of N)	Sections of Main Phases (L1/L2/L3) : 1		
		Main Busbar Size: A	Vertical Distribution Busbar Size: B	Cabling Module (Based from Vertical Busbar)
01	TN-S (1/1)	N(A/1) + PE(A/2)	L1+L2+L3+N(B/1)	PE(B/2)
02	TN-S (1/2)	N(A/2) + PE(A/4)	L1+L2+L3	N(B/2) + PE(B/4)
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

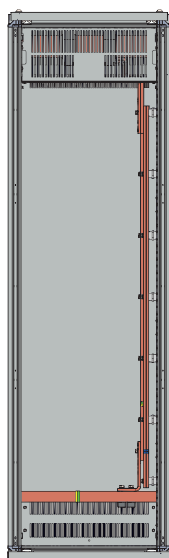
! Note : See for more details about power supply forms: Section C, Item 3. Equipotentiality and electrical continuity

■ NO 4: MODULE WIDTH

400 mm Width



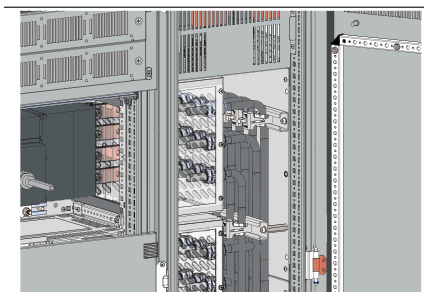
600 mm Width



- Check the Availability Size of Form 4b box and/or cable sizes with quantities.
- Tekpan recommends use 600mm width option in case of when MCCB Outputs in Form 4b selections.

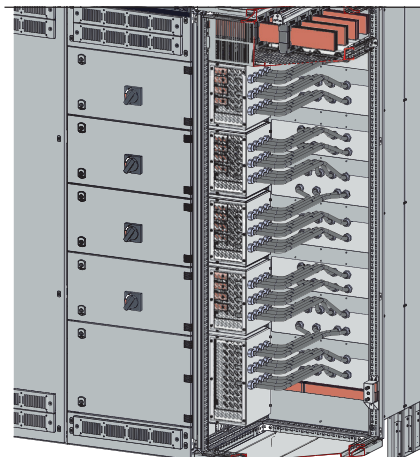
■ NO 5 : CABLING POSITION

Bottom Position



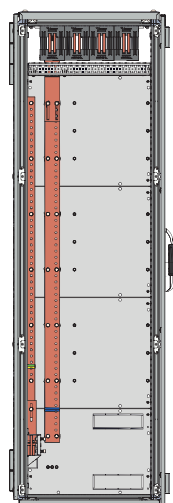
! Cables enter the module through the bottom gland plates. Fixes on side then penetrates to the casettes. Module delivers with blank gland plates as standard. Foamed rubber entry gland plate system is another option.

Rear Position

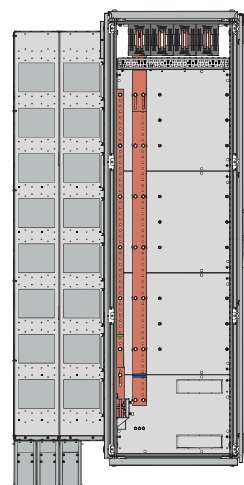


! Cables enter the module through the top and rear of module. Rear Panel of the module is a gland plate which can be useful with more cables. Module delivers with blank bottom gland plate and 8 rear blank gland plates. Foamed rubber entry gland plates are another option for rear gland plates.

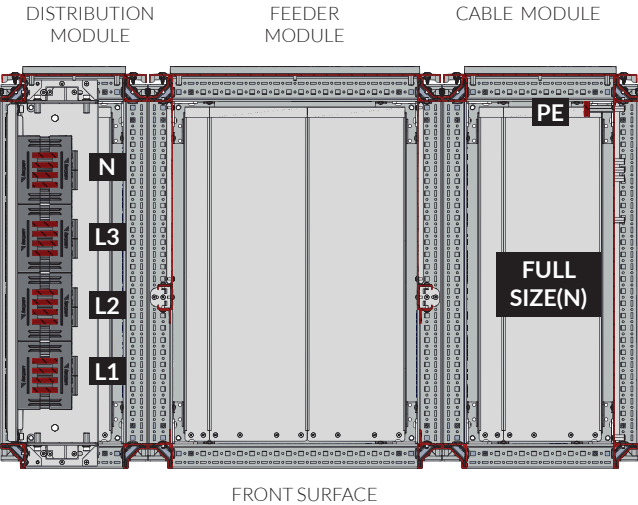
Depth View Size of Bottom Position



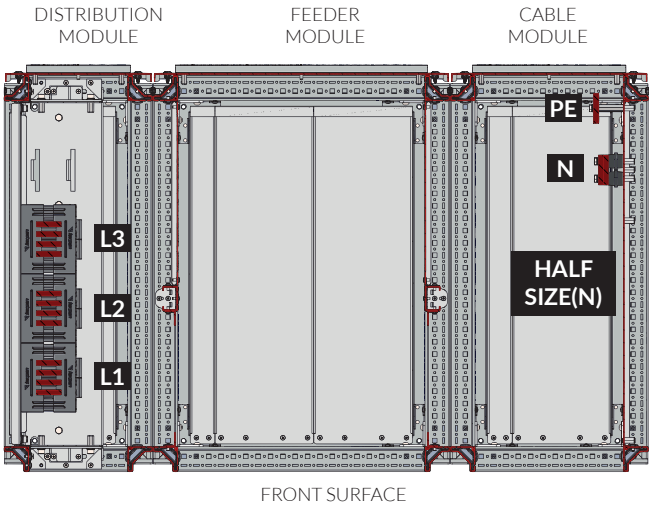
Depth View Size of Rear Position



■ NO 6: VERTICAL BUSBAR(In)



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

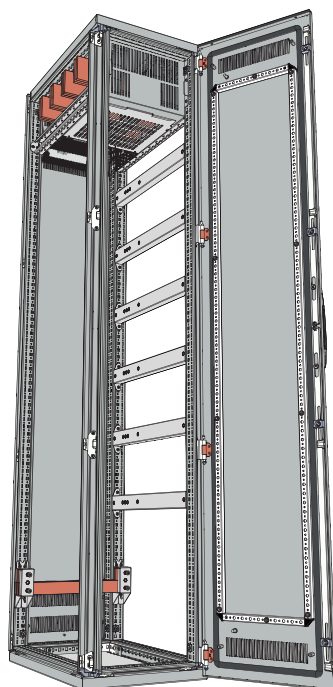


! Note : 3 Poles vertical busbar position (L1+L2+L3)+N is valid in TN-S (1/2), TN-C (PEN)(1/2), TN-C-S(1/2) and TT(1/2) configurations in NO 3. Please see at Earthing System

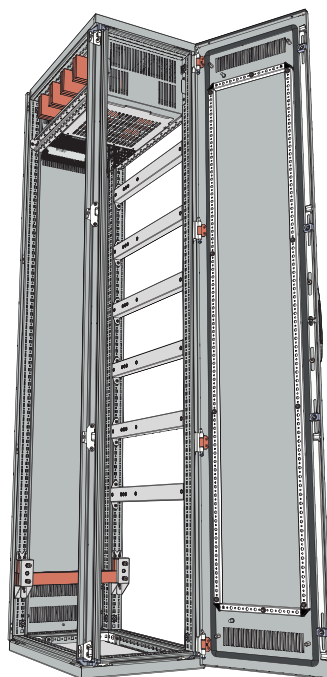
AMBIANCE TEMP : 25°C HEATING TEMP : 30°C, 50 Hz A.C.					
Module Depth	Rated Current (In)	Flat Copper Size (mm) x Qty			
		FULL SIZE (N)		HALF SIZE (N)	
		Neutral (N)	PE	Neutral (N)	PE
600D/800D	495A	20/5x2	20/5x1	20/5x1	20/3x1
600D/800D	700A	30/5x2	30/5x1	30/5x1	20/5x1
600D/800D	900A	40/5x2	40/5x1	40/5x1	20/5x1
600D/800D	1100A	50/5x2	50/5x1	50/5x1	25/5x1
600D/800D	1300A	60/5x2	60/5x1	60/5x1	30/5x1
600D/800D	1350A	40/10x2	40/5x2	40/5x2	20/5x2
600D/800D	1620A	50/10x2	50/5x2	50/5x2	25/5x2
600D/800D	1860A	60/10x2	60/5x2	60/5x2	30/5x2
600D/800D	2300A	80/10x2	40/10x2	40/10x2	40/5x2
800D	2500A	40/10x4	40/10x2	40/10x2	40/5x2
800D	3000A	50/10x4	50/10x2	50/10x2	50/5x2
800D	3400A	60/10x4	60/10x2	60/10x2	60/5x2
800D	4000A	80/10x4	80/10x2	80/10x2	40/10x2

■ NO 7: SEGREGATION TYPE

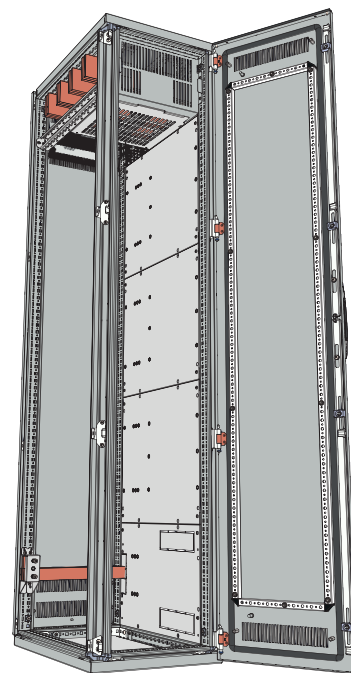
Form-1, 2a, 3a



Form -2a/3a



Form -2b, 3b, 4a, 4b

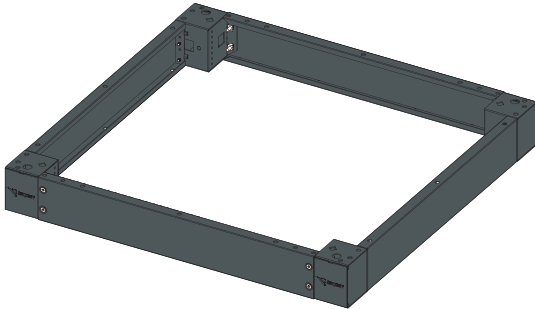


- **Form-1/2a/3a** is used with Cabling Rails.
- **Form-2b/3b/4a/4b** segregations are used with Cabling Side Covers.

OPTIONAL PARTS

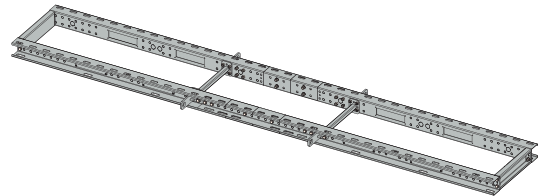
PLINTH / BASE

Modular Plinth



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

Extendable Block Plinth

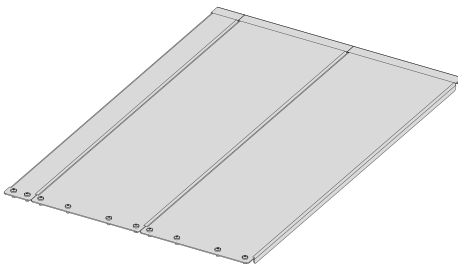


- Only option in height: 100mm
- Modules can fix directly on it. Means it is also joining part for modules
- Thanks to hooks on it, it can be use as a transportation part for the group of switchboard.
- In tight ceiling situations, it can be move with roll bars.

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

GLAND PLATES

Blank Glade Plate

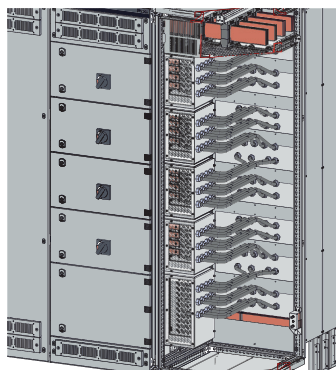


- Standard protection is IP 54
- Requires cable gland for cable management.
- Useful for cable entry from bottom position.
- Useful as a closer while using ACB rear cable module

Foam Rubber Entry Gland Plate for bottom



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



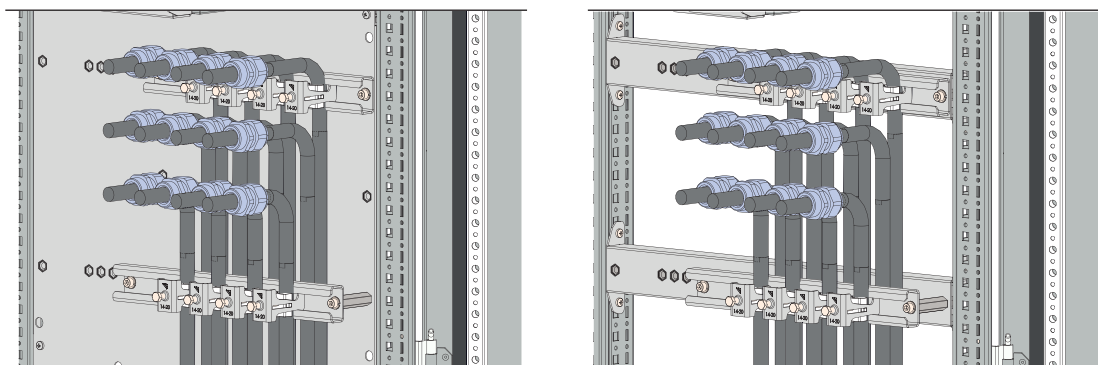
- Protection is IP 43
- Doesn't require glands for cable entry
- Useful for cable entry from top-rear position.

! Gland Plates are optional products. They are not included configurations. Must be select additionally. See from ordering guides

OPTIONAL PARTS

CABLE ROUTING and CLAMPING

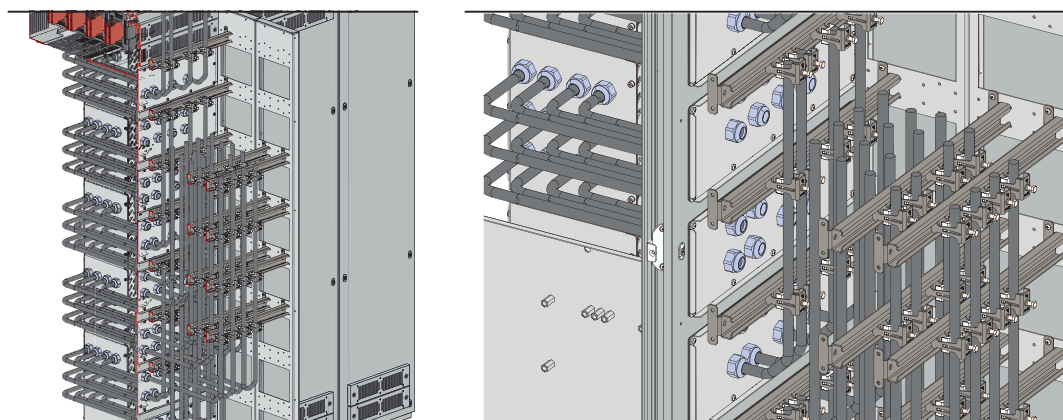
Cable Clamp Rail



- Useful in Form 2b/3b/4a/4b types of module segregation on the depth side.
- 600mm and 800mm depth options.

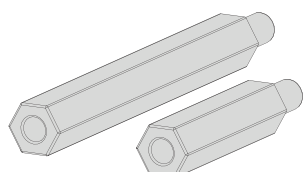
- Useful in Form 1/2a/3a type of module segregation on the depth side.
- 600mm and 800mm depth options.

Cable Clamp Rail (Rear)

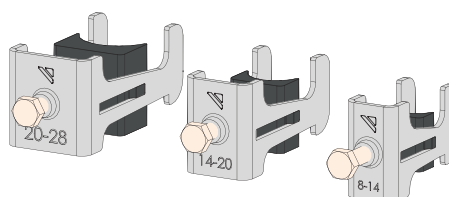


- Useful in top-rear cable entry module
- 400mm and 600mm width options.

Cable Clamp Rail



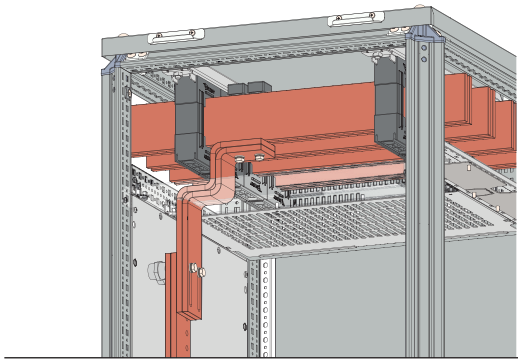
- Uses when cable clamping requires in case of more than one layers.
- 50mm and 100mm height options.



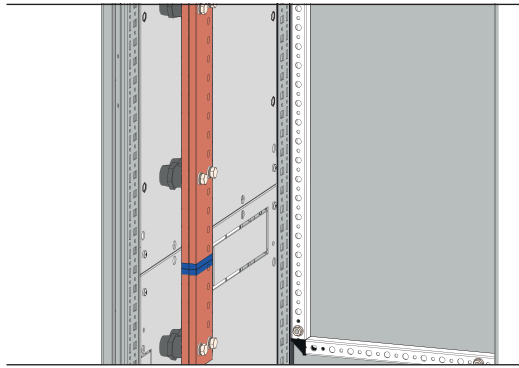
- For fastening the cables to the cable clamp rails.
- 8-14mm, 14-20mm and 20-28mm cable diameter options

■ INSTALLATION OF VERTICAL NEUTRAL BAR

Neutral Bar Connection From Main Busbar



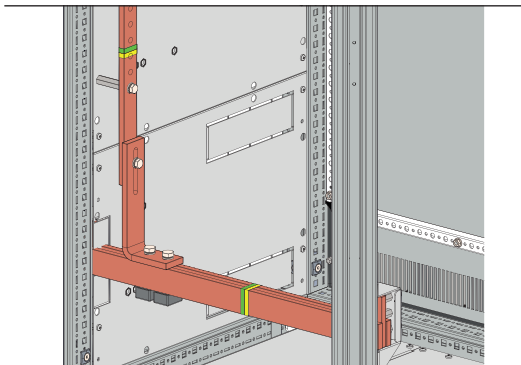
Neutral Bar Application



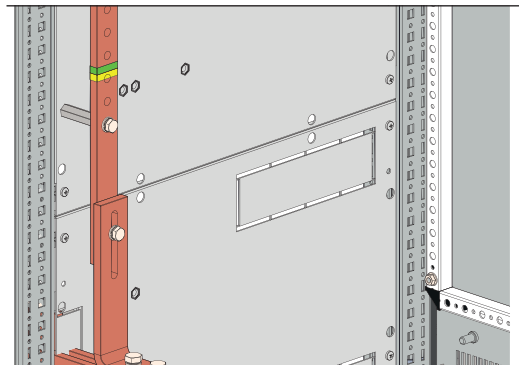
- ! Vertical neutral busbar options are valid in TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2) and TT(1/2) earthing options.
- ! In case of double flat bar position, cable connection can be done with clamp technology.
- ! In case of single flat bar position there are hole cutouts will be required on the bars for cable connection.

■ INSTALLATION OF VERTICAL EARTHING BAR

Earthing Bar Connection From Main Earthing Busbar



Earthing Bar Connection and Continuity

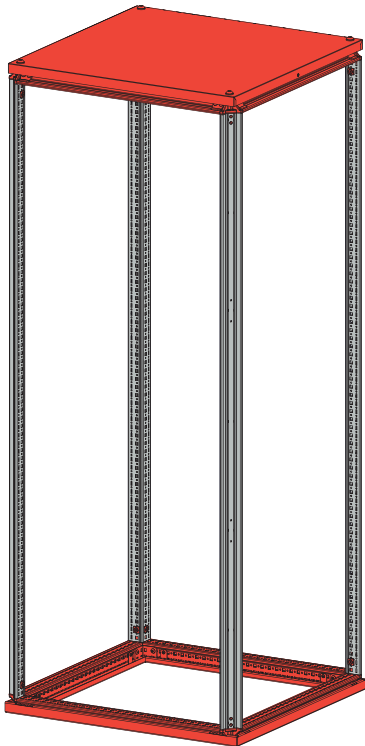


- ! Vertical Earthing Busbar options are valid in TN-S(1/1), TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2) and IT earthing options.
- ! In case of double flat bar position, cable connection can be done with clamp technology.
- ! In case of single flat bar position there are hole cutouts will be required on the bars for cable connection.



1.MAIN FRAME

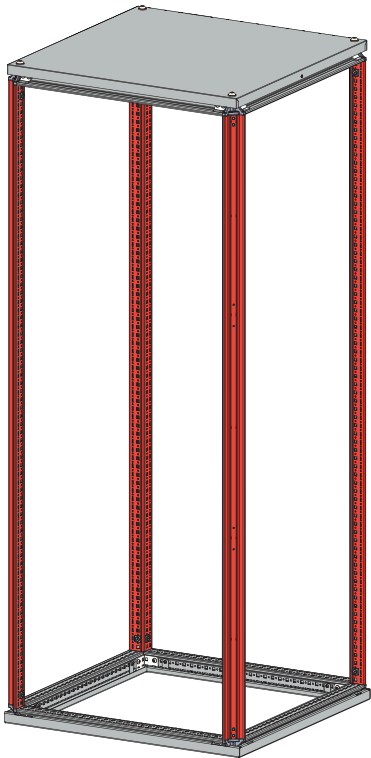
1.1 TOP&BOTTOM GROUP



WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)	
400	600	1001.462	1	1350A~2300A
600		1001.662	1	
400	800	1001.482	1	2500A~4000A
600		1001.682	1	

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

1.2 VERTICAL FRAME GROUP



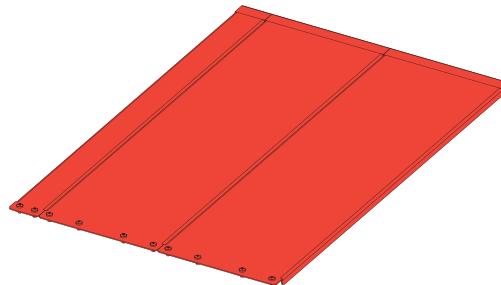
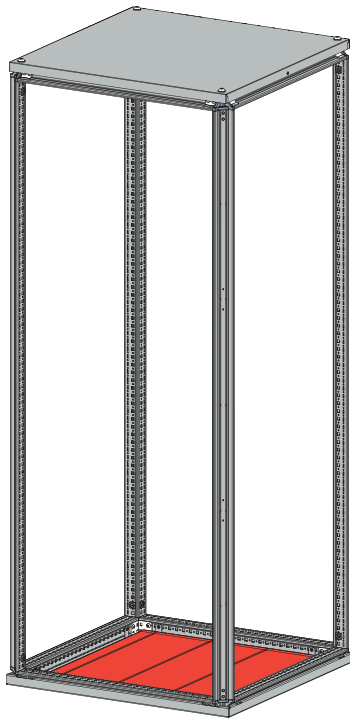
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
2000	702.200	1

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



■ 1.3 GLAND PLATES

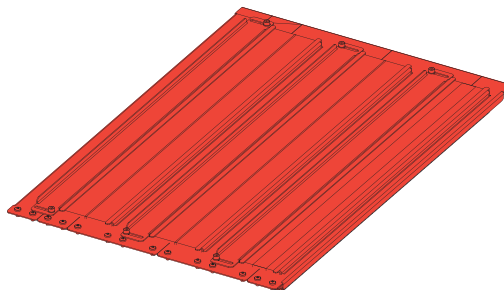
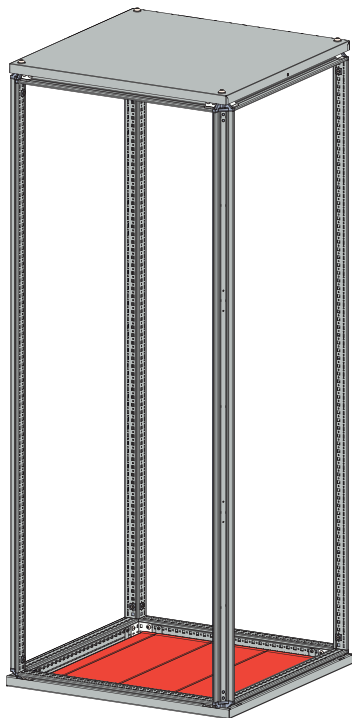
■ 1.3.1 BLANK GLAND PLATE



WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
400	600	1005.146	1
600	600	1005.166	1
400	800	1005.148	1
600	800	1005.168	1

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

■ 1.3.2 FOAM RUBBER ENTRY GLAND PLATE



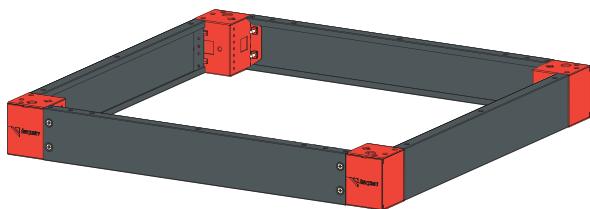
WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
400	600	1005.466	1
600	600	1005.486	1
400	800	1005.468	1
600	800	1005.488	1

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



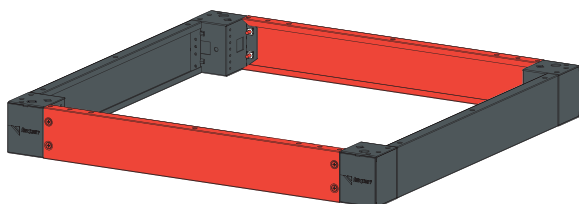
■ 1.4 PLINTH/BASE

■ 1.4.1 MODULAR PLINTH/BASE



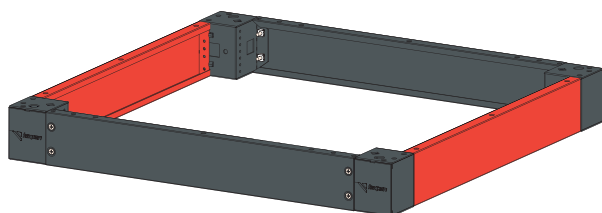
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
100	708.100	1
200	708.200	1

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



WIDHT(W)	REF. NO.	REQUIRED QTY. (set)
400	709.140	1
600	709.160	1

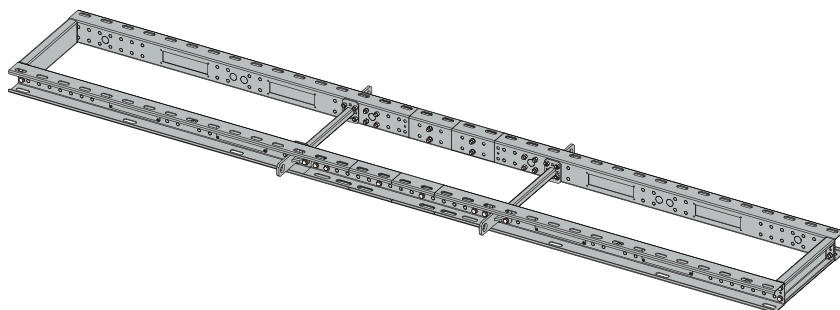
- Package includes **1 Set=2 pcs. 100mm Height Front Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.



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

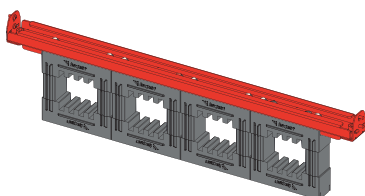
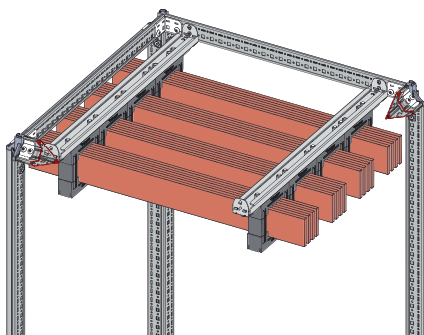


- **Extendable Plinth / Base** should be selected for baying group sections. Check page 6 at A4 Accessories Guide.



2. BUSBAR

2.1 BUSBAR RAIL KIT

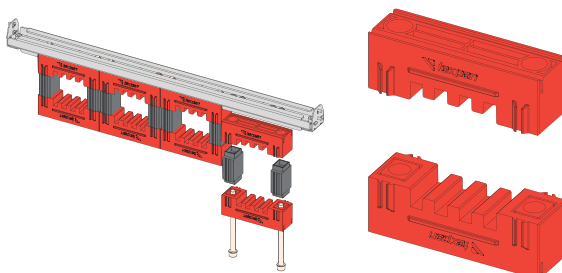
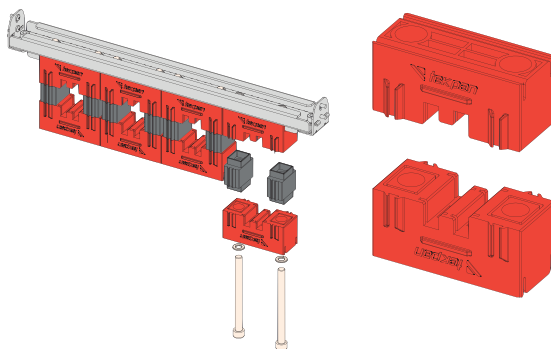


WIDTH(W)	DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
400	600	1010.160	2 pcs.	2	65 kA
600	600	1010.160	2 pcs.	2	
400	800	1010.180	2 pcs.	2	
600	800	1010.180	2 pcs.	2	
400	600	1010.160	2 pcs.	2	85 kA
600	600	1010.161	3 pcs.	3	
400	800	1010.180	2 pcs.	2	
600	800	1010.181	3 pcs.	3	

- 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 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
1860	1009.012	6 pcs.	12	
1620	1009.012	6 pcs.	12	
1350	1009.012	6 pcs.	12	
2300	1009.012	6 pcs.	18	85 kA
1860	1009.012	6 pcs.	18	
1620	1009.012	6 pcs.	18	
1350	1009.012	6 pcs.	18	

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.011	6 pcs.	12	65 kA
3400	1009.011	6 pcs.	12	
3000	1009.011	6 pcs.	12	
2500	1009.011	6 pcs.	12	
4000	1009.011	6 pcs.	18	85 kA
3400	1009.011	6 pcs.	18	
3000	1009.011	6 pcs.	18	
2500	1009.011	6 pcs.	18	

For Multiple Order:

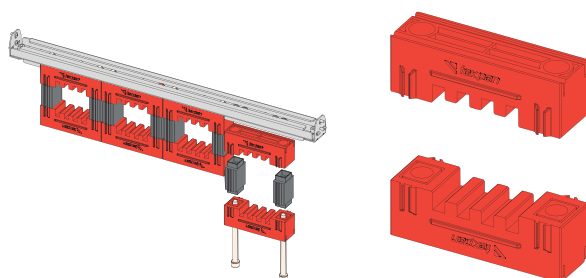
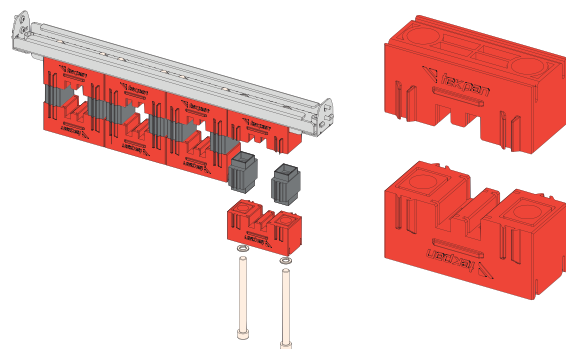
INFO	REF. NO.	PACKAGE QTY. (pcs.)
4 Flat Bar	1009.021	48 pcs.
2 Flat Bar	1009.022	48 pcs.

- **85 kA required quantity is 12 for 400 WIDTH.**
- 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
1860	1009.002	2 pcs.	4	
1620	1009.002	2 pcs.	4	
1350	1009.002	2 pcs.	4	
2300	1009.002	2 pcs.	6	85 kA
1860	1009.002	2 pcs.	6	
1620	1009.002	2 pcs.	6	
1350	1009.002	2 pcs.	6	

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.001	2 pcs.	4	65 kA
3400	1009.001	2 pcs.	4	
3000	1009.001	2 pcs.	4	
2500	1009.001	2 pcs.	4	
4000	1009.001	2 pcs.	6	85 kA
3400	1009.001	2 pcs.	6	
3000	1009.001	2 pcs.	6	
2500	1009.001	2 pcs.	6	

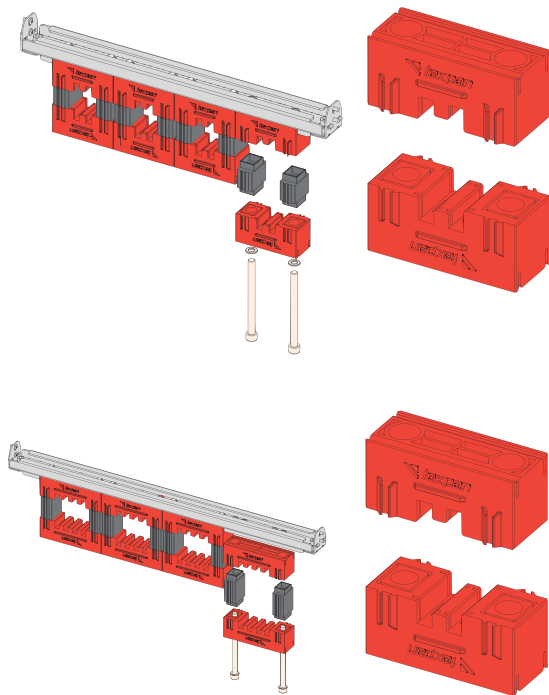
- **85 kA required quantity is 4 for 400 WIDTH.**
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/1), 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.	2	65 kA
1860	1009.002	2 pcs.	2	
1620	1009.002	2 pcs.	2	
1350	1009.002	2 pcs.	2	
2300	1009.002	2 pcs.	2	85 kA
1860	1009.002	2 pcs.	2	
1620	1009.002	2 pcs.	2	
1350	1009.002	2 pcs.	2	

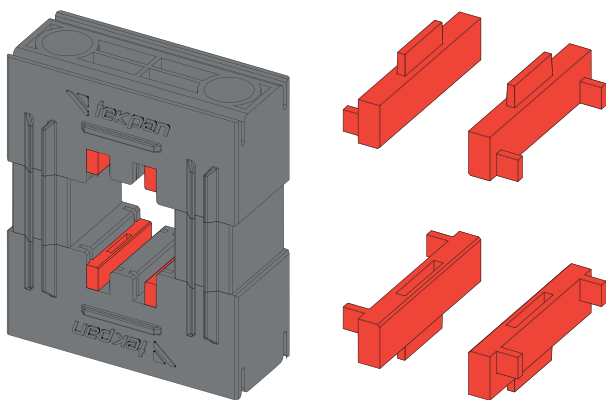
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.002	2 pcs.	2	65 kA
3400	1009.002	2 pcs.	2	
3000	1009.002	2 pcs.	2	
2500	1009.002	2 pcs.	2	
4000	1009.002	2 pcs.	2	85 kA
3400	1009.002	2 pcs.	2	
3000	1009.002	2 pcs.	2	
2500	1009.002	2 pcs.	2	

- **85 kA required quantity is 4 for 400 WIDTH.**
- 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)



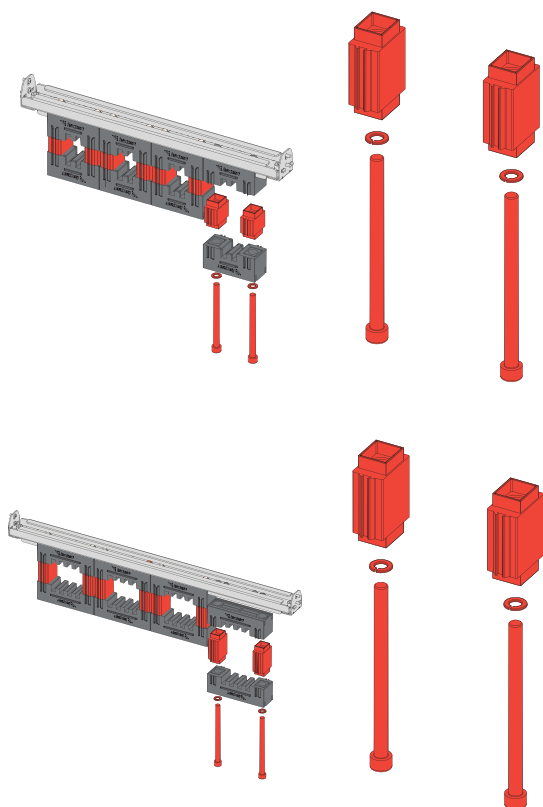
- **85 kA required quantity is 8 for 400 WIDTH.**
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must be used **NEUTRAL (1/2)** section.

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
1860	1019.001	4 pcs.	8	65 kA
1620	1019.001	4 pcs.	8	
1350	1019.001	4 pcs.	8	
1860	1019.001	4 pcs.	12	85 kA
1620	1019.001	4 pcs.	12	
1350	1019.001	4 pcs.	12	

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
1860	1011.106	6 pcs.	12	
1620	1011.105	6 pcs.	12	
1350	1011.104	6 pcs.	12	
2300	1011.108	6 pcs.	18	85 kA
1860	1011.106	6 pcs.	18	
1620	1011.105	6 pcs.	18	
1350	1011.104	6 pcs.	18	

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.108	6 pcs.	12	65 kA
3400	1011.106	6 pcs.	12	
3000	1011.105	6 pcs.	12	
2500	1011.104	6 pcs.	12	
4000	1011.108	6 pcs.	18	85 kA
3400	1011.106	6 pcs.	18	
3000	1011.105	6 pcs.	18	
2500	1011.104	6 pcs.	18	

For Multiple Order:

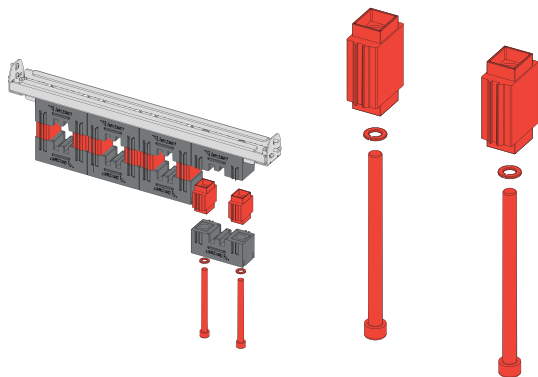
HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.204	48 pcs.
50H	1011.205	48 pcs.
60H	1011.206	48 pcs.
80H	1011.208	48 pcs.

- **85 kA required quantity is 12 for 400 WIDTH.**
- 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.

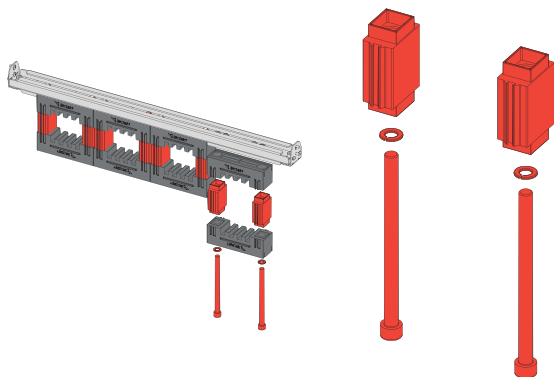


2.2.5 HOLDER HEIGHTS (NEUTRAL)

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
1860	1011.006	2 pcs.	4	
1620	1011.005	2 pcs.	4	
1350	1011.004	2 pcs.	4	
2300	1011.008	2 pcs.	6	85 kA
1860	1011.006	2 pcs.	6	
1620	1011.005	2 pcs.	6	
1350	1011.004	2 pcs.	6	



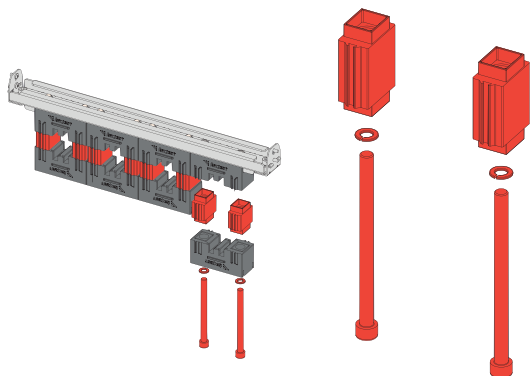
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.008	2 pcs.	4	65 kA
3400	1011.006	2 pcs.	4	
3000	1011.005	2 pcs.	4	
2500	1011.004	2 pcs.	4	
4000	1011.008	2 pcs.	6	85 kA
3400	1011.006	2 pcs.	6	
3000	1011.005	2 pcs.	6	
2500	1011.004	2 pcs.	6	

- **85 kA required quantity is 4 for 400 WIDTH.**
- 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.

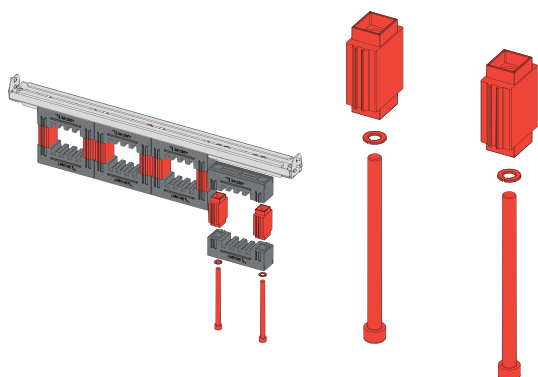
For Multiple Order:

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
1860	1011.006	2 pcs.	4	
1620	1011.005	2 pcs.	4	
1350	1011.004	2 pcs.	4	
2300	1011.004	2 pcs.	6	85 kA
1860	1011.006	2 pcs.	6	
1620	1011.005	2 pcs.	6	
1350	1011.004	2 pcs.	6	



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1011.008	2 pcs.	4	65 kA
3400	1011.006	2 pcs.	4	
3000	1011.005	2 pcs.	4	
2500	1011.004	2 pcs.	4	
4000	1011.008	2 pcs.	6	85 kA
3400	1011.006	2 pcs.	6	
3000	1011.005	2 pcs.	6	
2500	1011.004	2 pcs.	6	

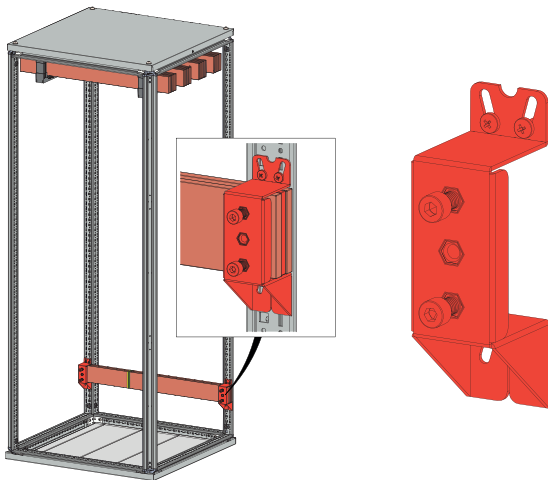
- **85 kA required quantity is 4 for 400 WIDTH.**
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), 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.)
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 EARTHING KIT



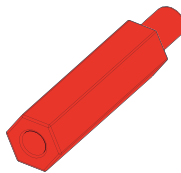
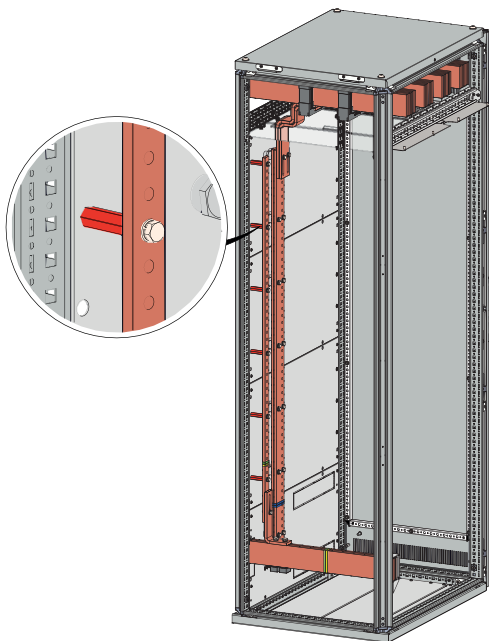
BUSBAR POSITION	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
TOP	1012.001	2 pcs.	2

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.

■ 2.4 EARTHING BAR SUPPORT

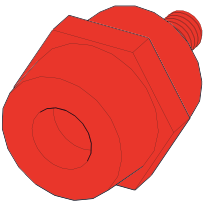
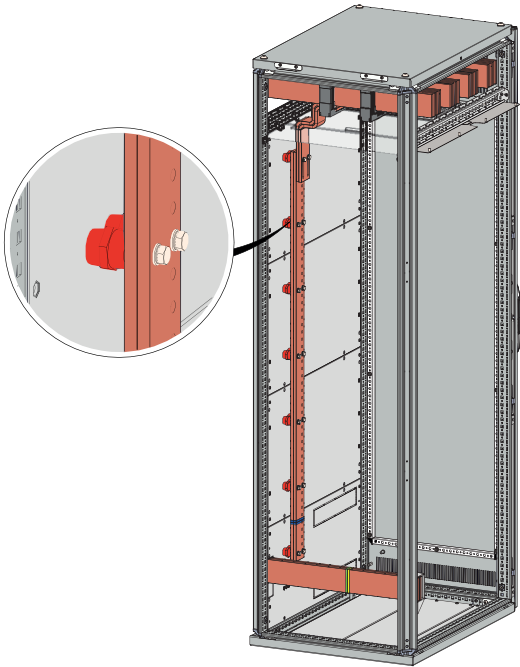


REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
1026.005	12 pcs.	6

- 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.



■ 2.5 NEUTRAL/PEN SUPPORT



BUSBAR WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
40	1040.831	6 pcs.	6
50	1040.831	6 pcs.	6
60	1040.831	6 pcs.	12
80	1040.831	6 pcs.	12

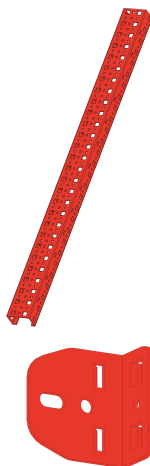
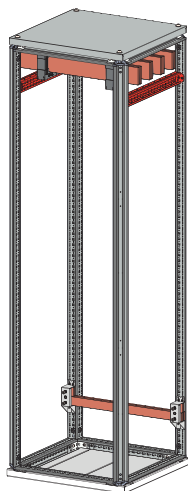
- Package includes **6 pcs. M8 F/M Barrel Insulator**
- For **Ref.No quantity = Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.



3. SYSTEM - 2 SEPARATION

3.1 SYSTEM - 2 FRAME

3.1.1 SCISSILE RAIL



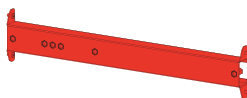
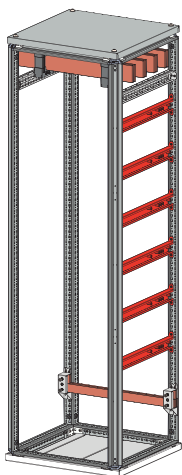
For DEPTH			
LENGHT(L)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	944.424	2 pcs.	2
800	944.425	2 pcs.	2

For BRACKET		
REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
944.421	12 pcs.	4
944.420	100 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.

3.1.2 CABLING SIDE SEPERATION

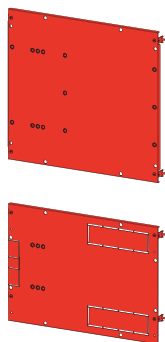
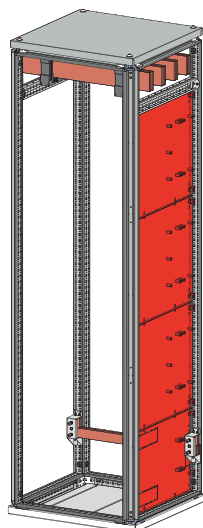
3.1.2.1 CABLING SIDE PROFILE (FORM-1)



DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	1025.160	6 pcs.	6
800	1025.180	6 pcs.	6

- Package includes **6 pcs. 600D/800D Side Cabling Profile, Assembly Parts (M5x10 Screw)**

3.1.2.2 CABLING SIDE COVERS (FORM-2a/4b)



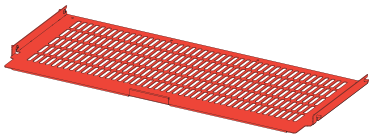
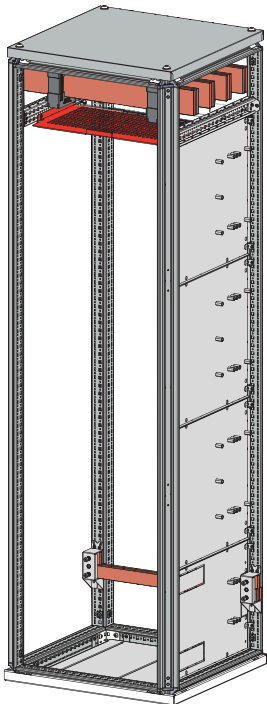
DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	1025.060	1 pcs.	1
800	1025.080	1 pcs.	1

- Package includes **3 pcs. 600D/800D Side Cabling Cover, 1 pc. 600D/800D Side Cabling Cover (Earthing), Assembly Parts (Brackets,M5x10 Screw)**



■ 3.2 SEPARATION

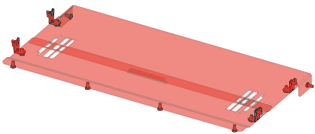
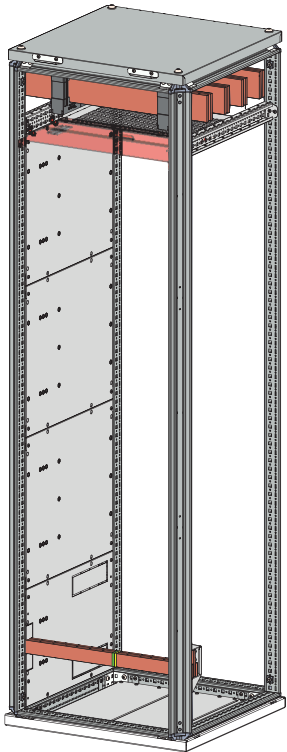
■ 3.2.1 BUSBAR SEPARATION SHELF



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	1008.040	1 pcs.	1
600	1008.060	1 pcs.	1

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

■ 3.2.2 NEUTRAL BAR INSULATION KIT

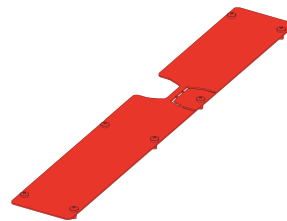
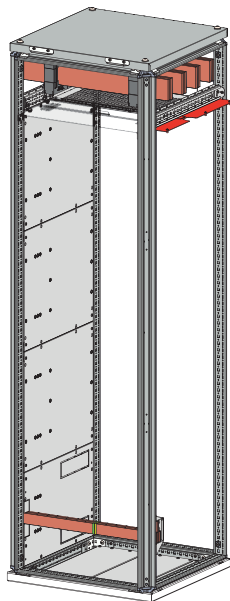


WIDTH(W)	DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	600	1025.246	1 pcs.	1
600	600	1025.266	1 pcs.	1
400	800	1025.248	1 pcs.	1
600	800	1025.268	1 pcs.	1

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



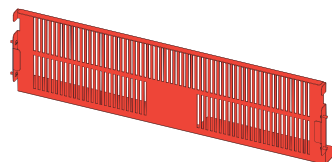
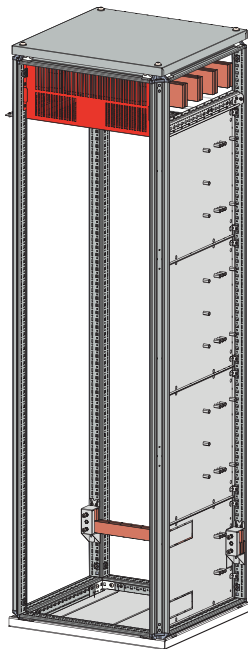
■ 3.2.3 BUSBAR GAP CLOSER (FORM 2a/4b)



DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	1027.001	1 pcs.	1
800	1027.002	1 pcs.	1

● For closing area between Cabling Module and Feeder/MCC Modules.

■ 3.2.4 BUSBAR SEPARATION COVER



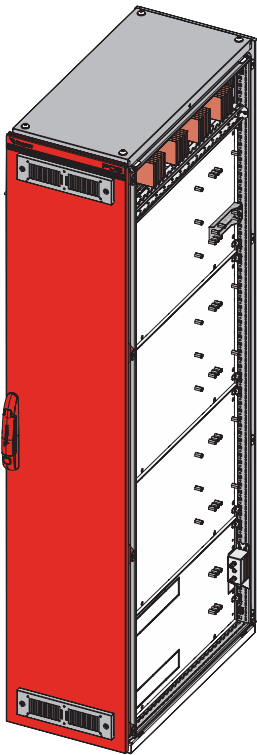
WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	1013.040	1 pcs.	1
600	1013.060	1 pcs.	1

● This part must be selected with all separating options.



4. FRONT-REAR PANELS

4.1 FRONT DOOR

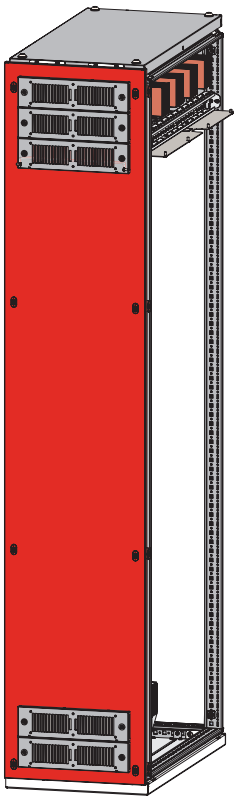


WIDTH(W)	DOOR TYPE	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	SOLID	1002.420	1 pcs.	1
600	SOLID	1002.620	1 pcs.	1

Package includes 1 pcs. Ventilated Front Door, Assembly Parts.

4.2 REAR PANEL

4.2.1 REAR PANEL (Standard)



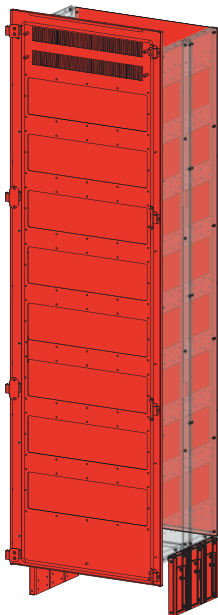
WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	2000	1003.420	1 pcs.	1
600	2000	1003.620	1 pcs.	1

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

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

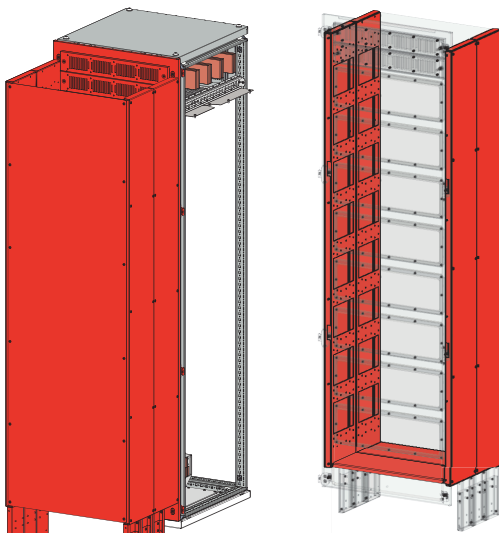


■ 4.2.2 REAR PANEL (Rear Cabling)



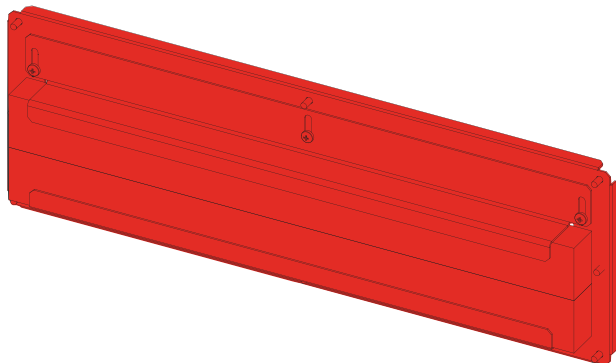
WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	2000	1003.421	1 pcs.	1
600	2000	1003.621	1 pcs.	1

● Package includes **1 pcs. Ventilated Rear Panel(Rear Cabling), 1 pc. Rear Cover, 8 pcs. Cable Plate, 6 pcs. Bottom Supporter, Assembly Parts.**



WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	2000	1028.100	1 pcs.	1
600	2000	1028.100	1 pcs.	1

● Package includes **4 pcs. Side Cover, 4 pcs. Cable Management Frame, Assembly Parts.**



WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
400	1028.040	1 pcs.	1
600	1028.060	1 pcs.	1

● Package includes **1 pc. Cable Management Rubber Foam Entry Cover, Assembly Parts.**



PDS
UPGRADE THE POWER