

A2.3

COUPLING MODULE

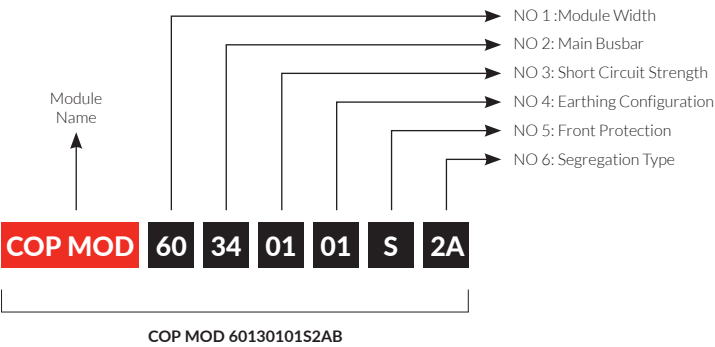
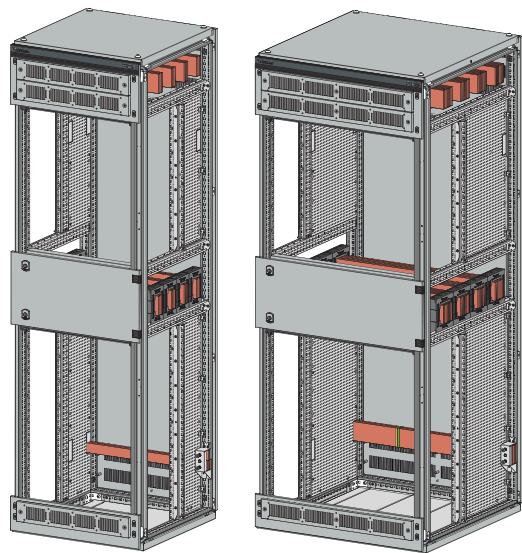
07/2023



PDS

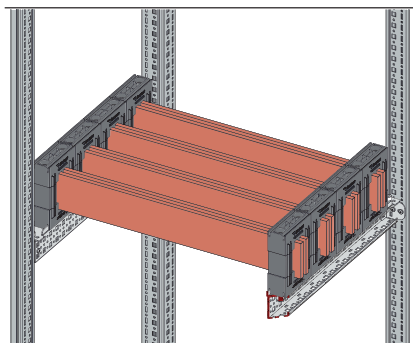
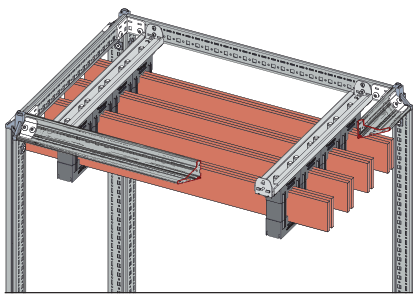
UPGRADE THE POWER

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



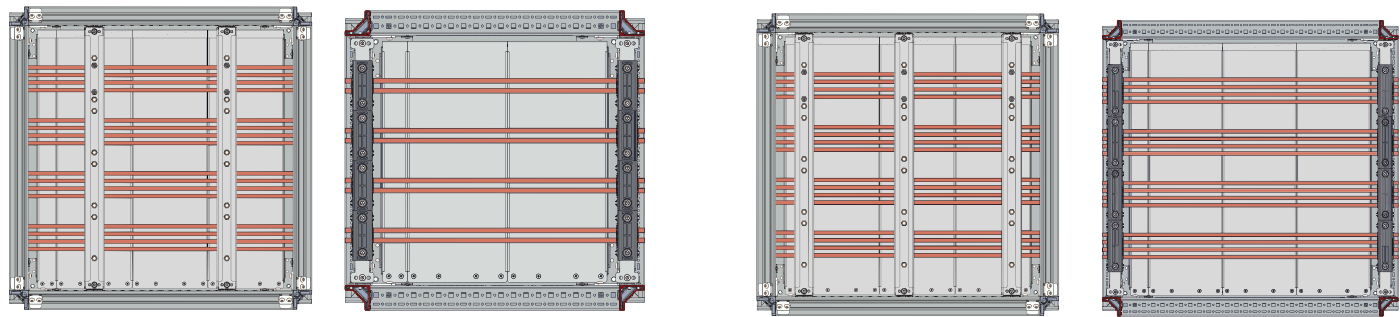
AMBIANCE TEMP : 25°C , HEATING TEMP : 30°C ,50 Hz A.C.				
Neutral Section	Rated Current (In)	Flat Copper Size (mm) x Qty		
		L1/L2/L3	Neutral(N)	PE
1/2 N	1350A	40/10x2	40/5x2	20/5x2
1/1 N	1350A	40/10x2	40/10x2	40/5x2
1/2 N	1620A	50/10x2	50/5x2	25/5x2
1/1 N	1620A	50/10x2	50/10x2	50/5x2
1/2 N	1860A	60/10x2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

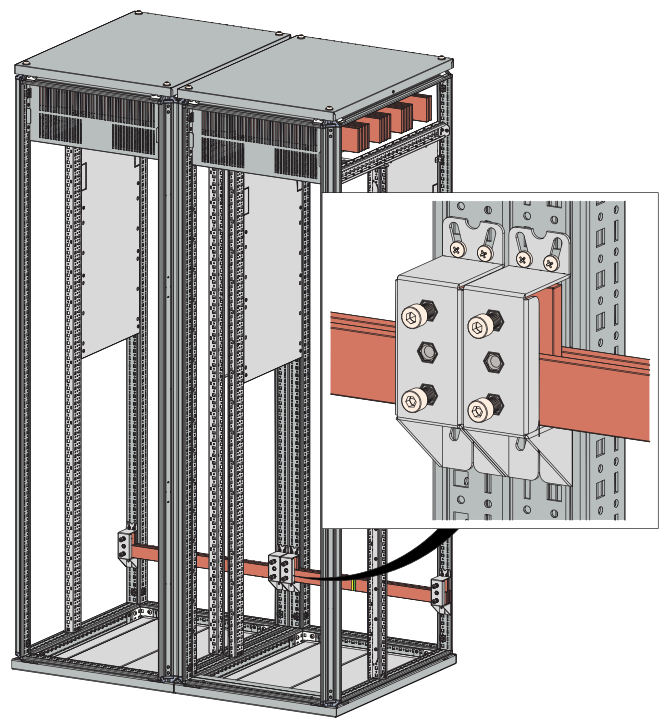
I_{cw} : 65kA

I_{cw} : 85kA



■ NO 3: EARTHING CONFIGURATION

Earthing Bar

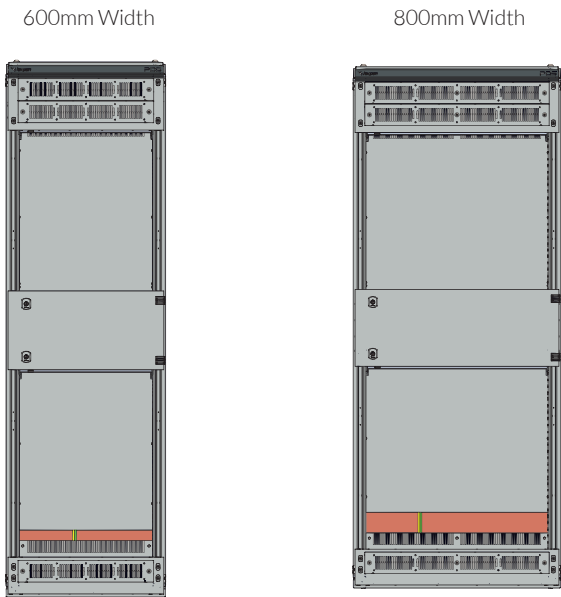


Selection Code	Power Supply Form (Size Scale of N)	Sections of Main Phases (L1/L2/L3) : 1		
		Main Busbar Size: A	Vertical Distribution Busbar Size: B	Cabling Module (Based from Vertical Busbar)
01	TN-S (1/1)	N(A/1) + PE(A/2)	L1+L2+L3+N(B/1)	PE(B/2)
02	TN-S (1/2)	N(A/2) + PE(A/4)	L1+L2+L3	N(B/2) + PE(B/4)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

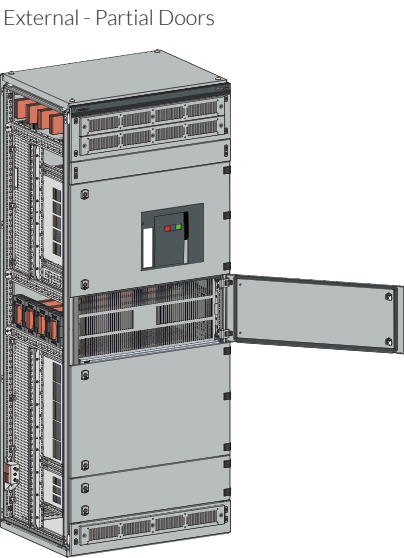
■ NO 4: MODULE WIDTH



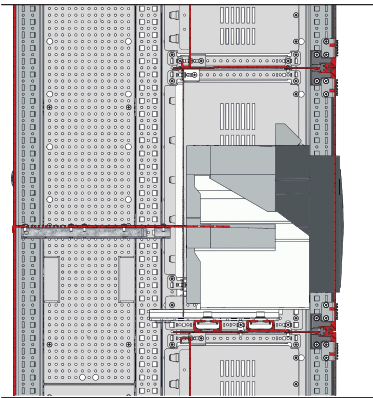
Usable Height for Coupling Module

- With **External Partial Door** 600mm Top Area, 700mm Bottom Area

■ NO 5: FRONT PROTECTION



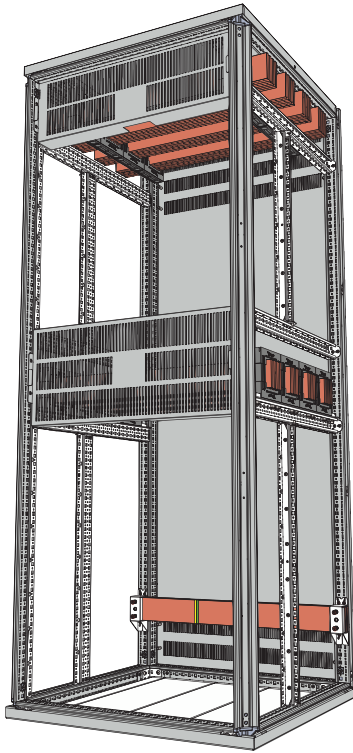
Depth View Size of External Protection



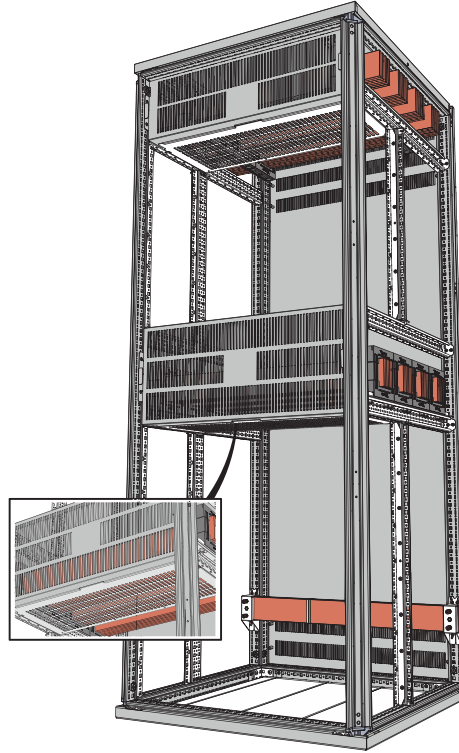
● **Check the Availability** Size of ACB or MCCB According to Usable Sizes for Operation and Rotary Handles.

■ NO 6: SEGREGATION TYPE

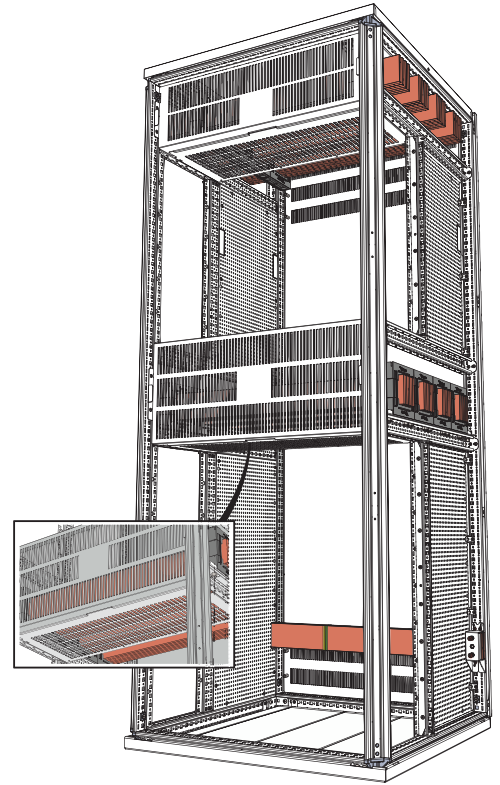
Form-1



Form-2a/3a



Form-2a-4b

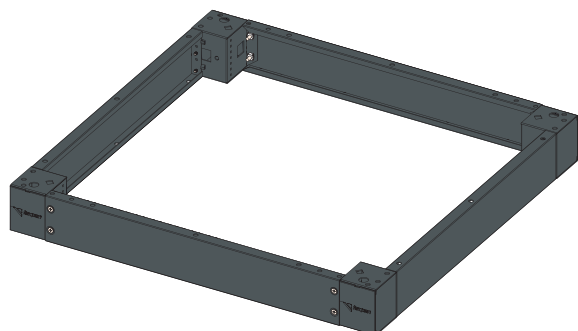


- Form-2b/3b/4a/4b segregations are used with System-2 Rear Separation.

OPTIONAL PARTS

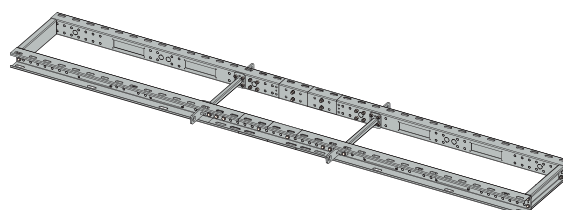
PLINTH / BASE

Modular Plinth



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

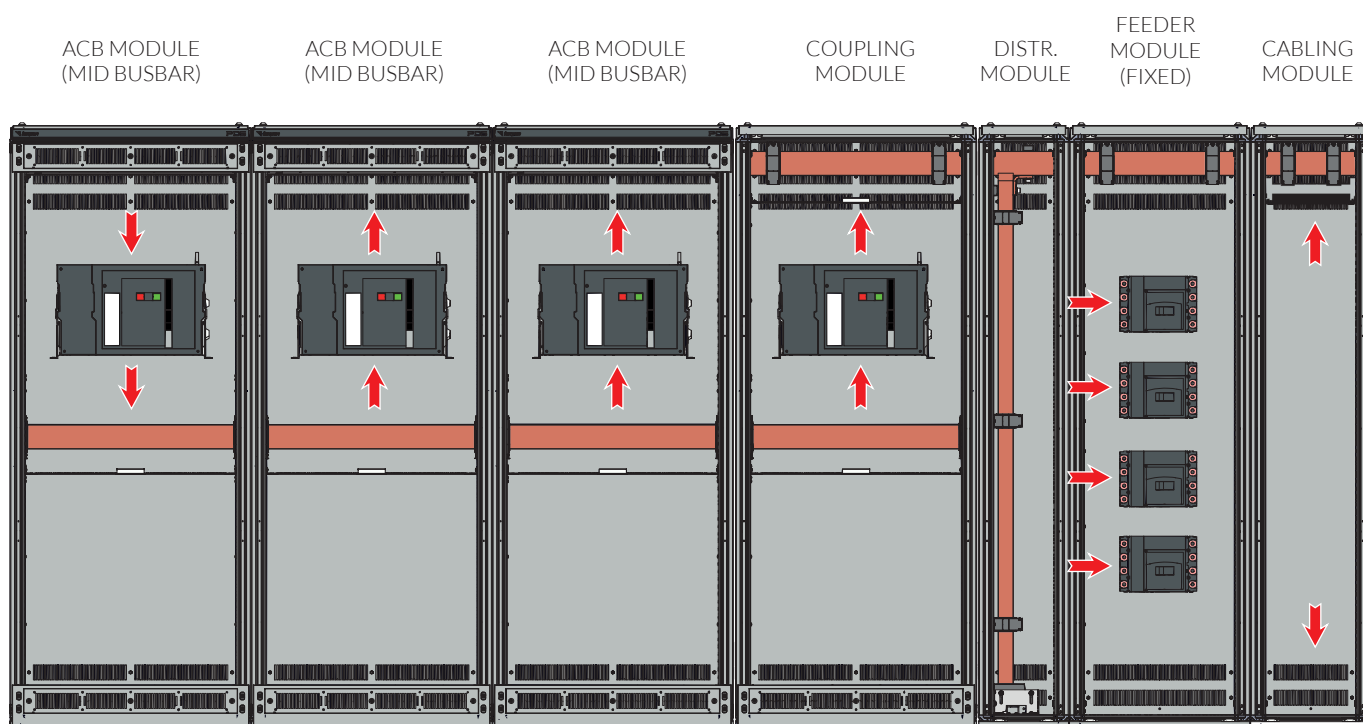
Extendable Block Plinth



- 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.

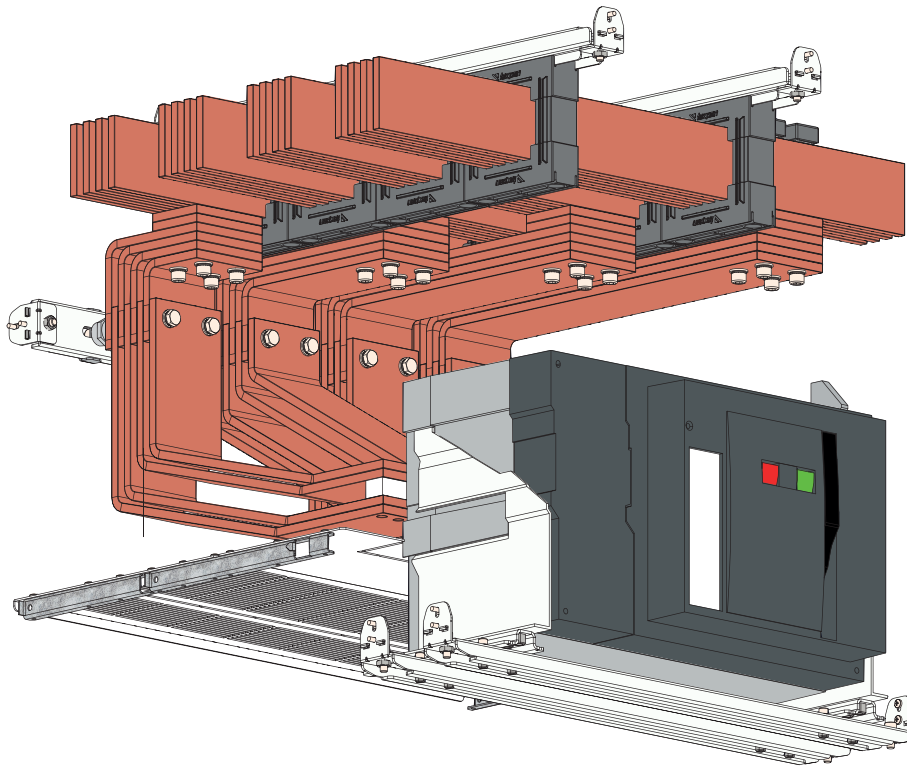
• **Plinths are optional products.** They are not included configurations. Must be select additionally. Check the selection guide.

INSTALLATION WITH OTHER MODULES

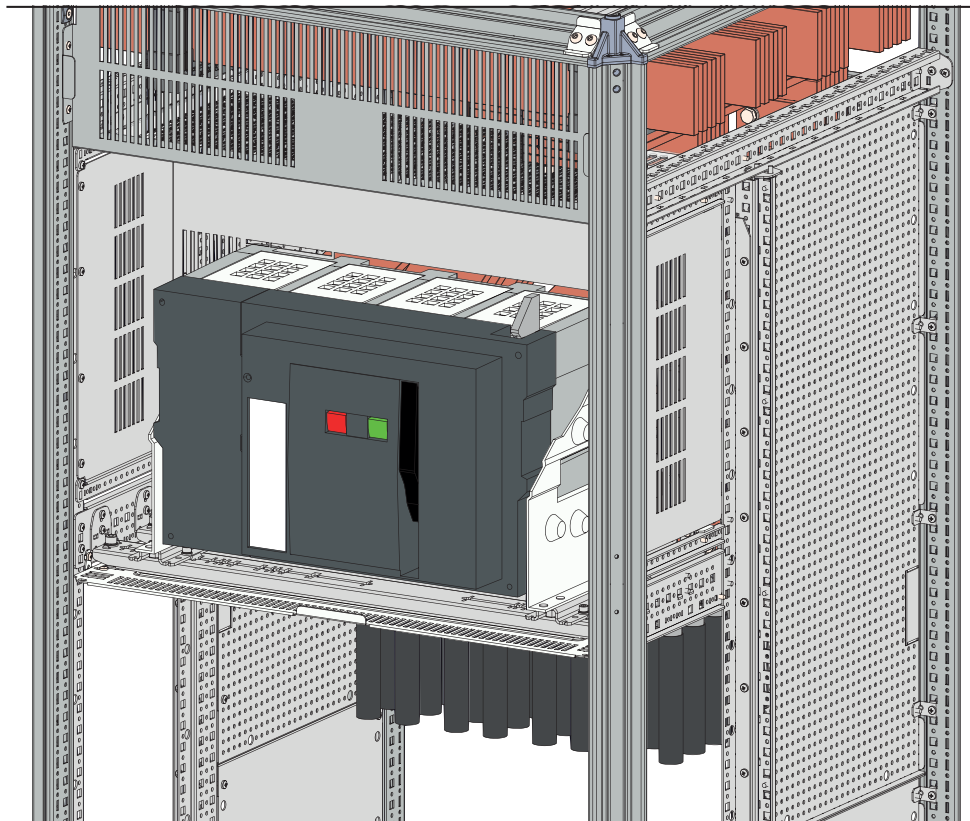


■ INSTALLATION OF AN ACB

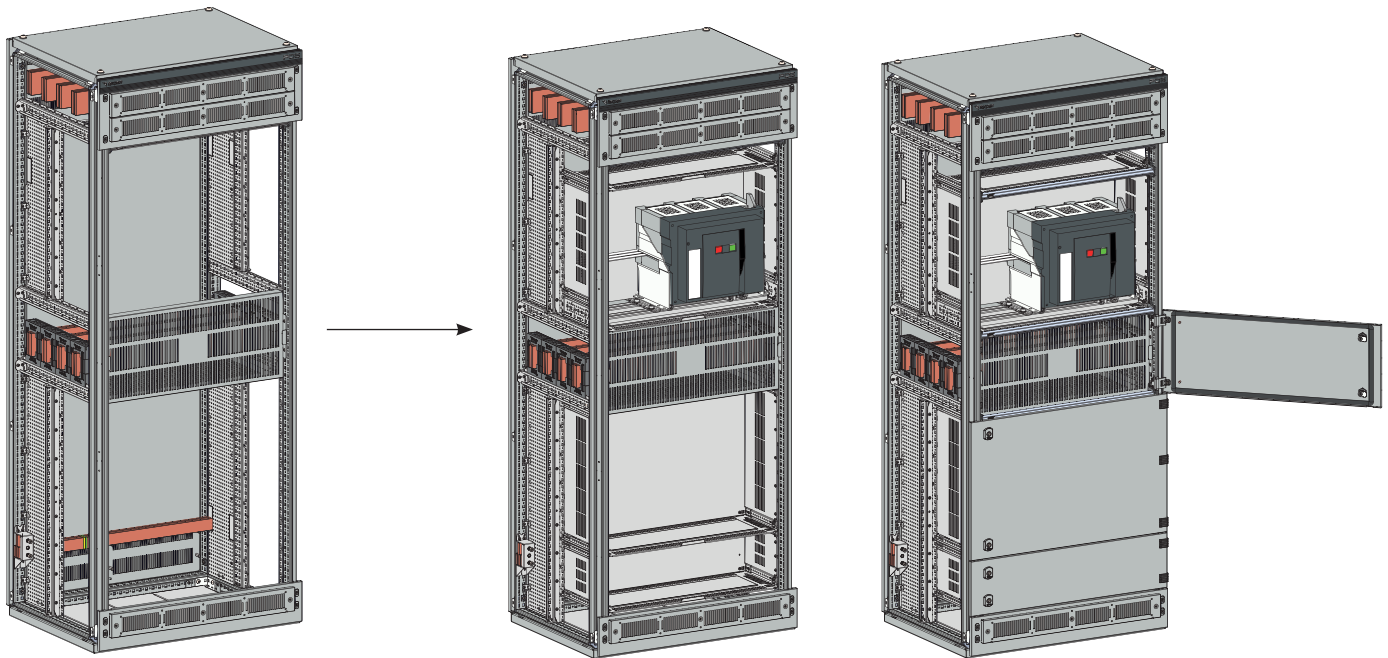
Conductor Connections from Main Busbar to ACB Input



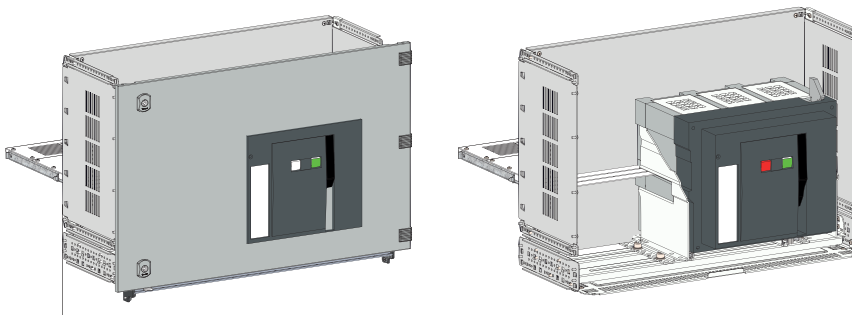
Fixing of an ACB into Module



LOADING with CASSETTES

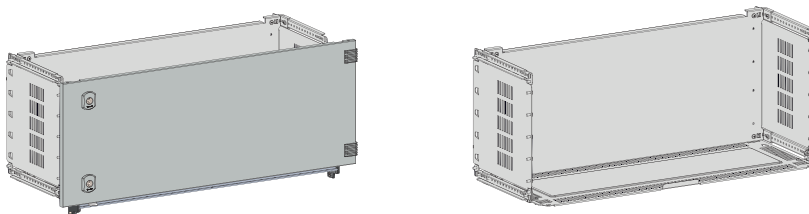


ACB CASSETTES



- 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

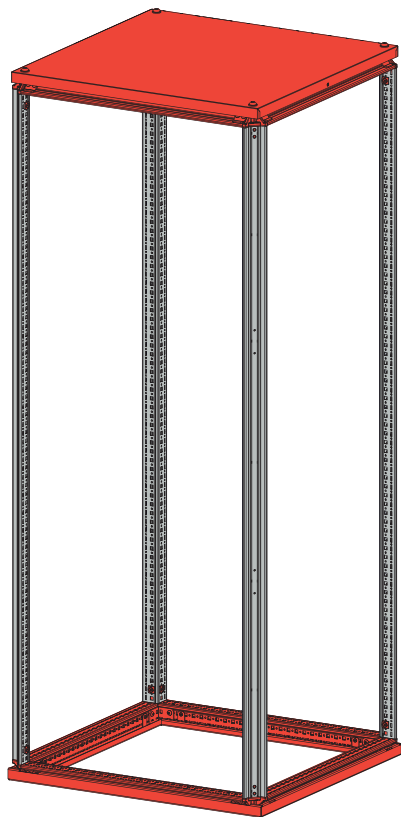


- 150, 200, 250, 300, 350, 400, 450, 500, 600, 800 and 1000mm Loading Height solutions are available.
- Useful as a closer or equipment Cassette like as measurement.
- Form 1 up to Form-4b solutions are available. The selection Form type of Cassette must be the same as Module Form Type
- See at Cassette Manuals.



1.MAIN FRAME

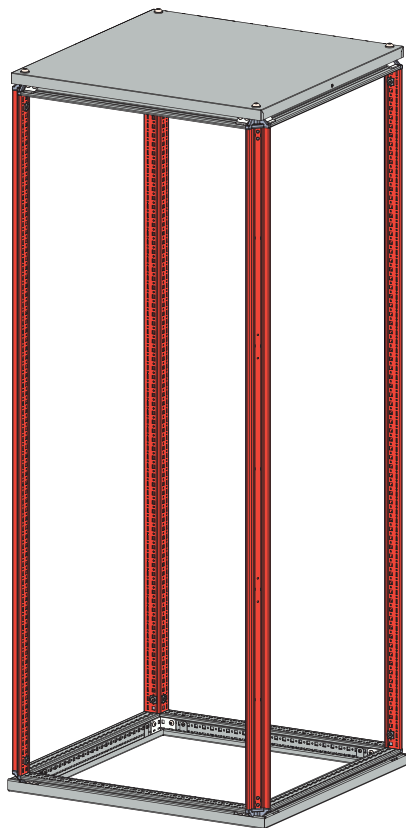
1.1 TOP&BOTTOM GROUP



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



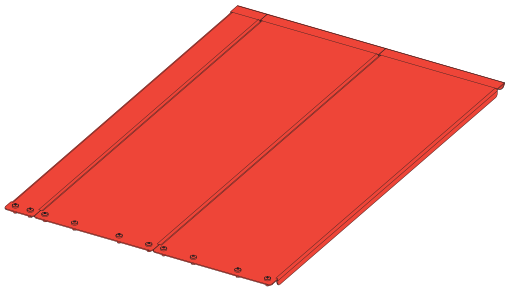
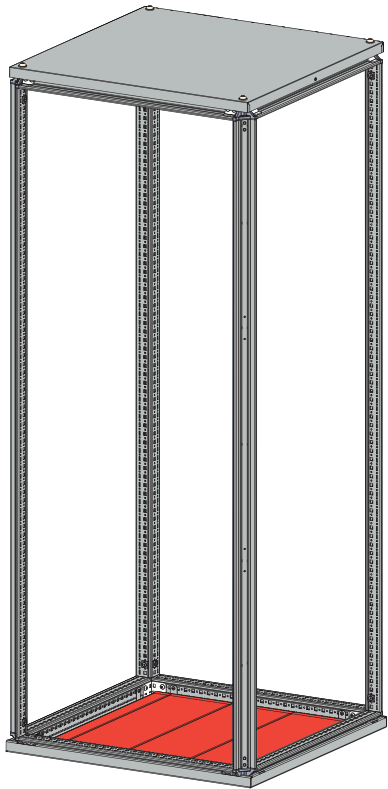
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
2000	702.200	1

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



■ 1.3 GLAND PLATES

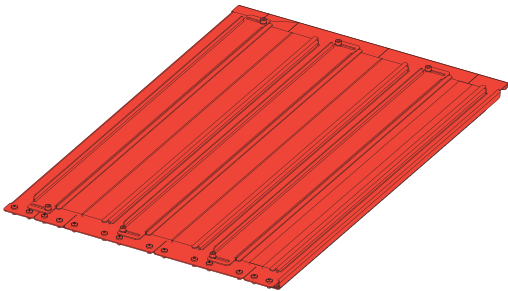
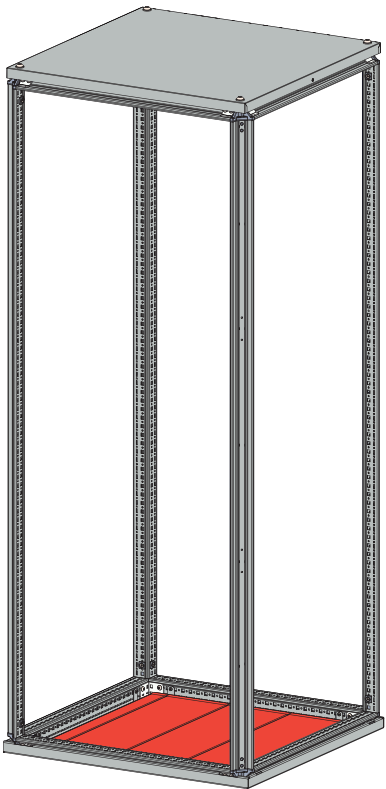
■ 1.3.1 BLANK GLAND PLATE



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



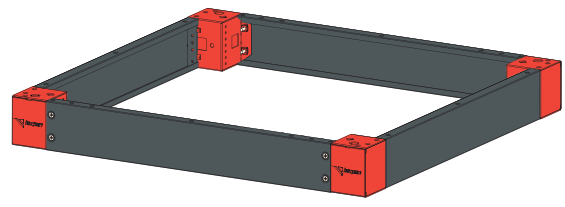
WIDTH(W)	DEPTH(D)	REF. NO.	REQUIRED QTY. (set)
600	600	1005.466	1
800	600	1005.486	1
600	800	1005.468	1
800	800	1005.488	1

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



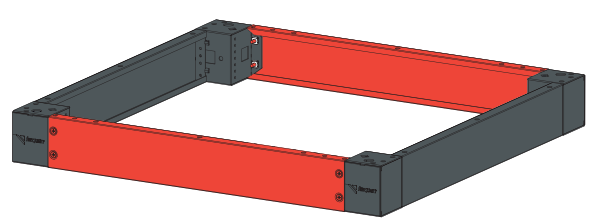
■ 1.4 PLINTH/BASE

■ 1.4.1 MODULAR PLINTH/BASE



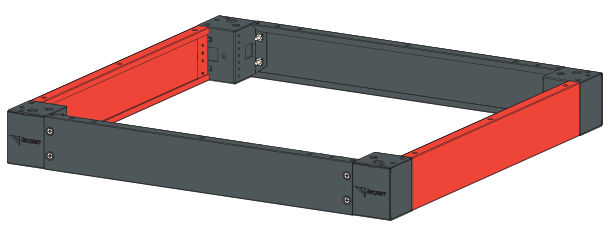
HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
100	708.100	1
200	708.200	1

- 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

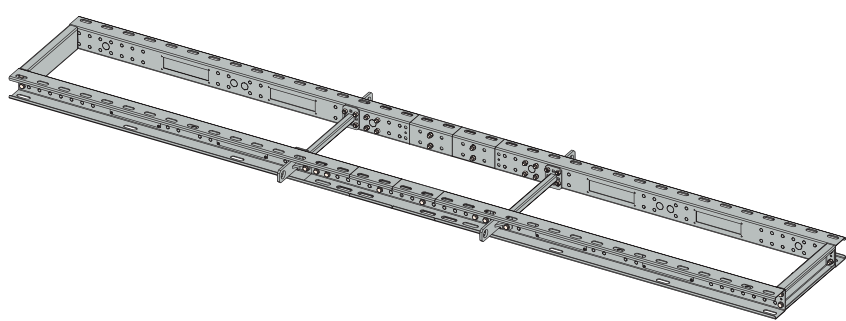
- Package includes **1 Set=2 pcs. 100mm Height Front Cover.**
- **2 Set (4 Pieces)** needed for 200H Plinth.



DEPTH(	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

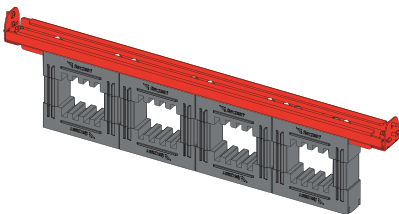
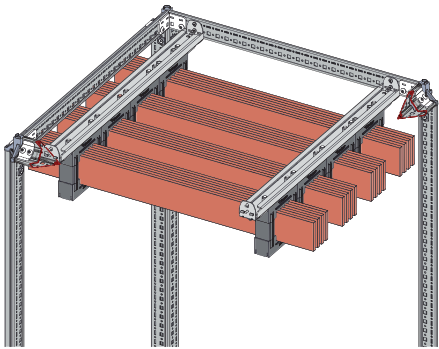


- **Extendable Plinth / Base** should be selected for baying group sections. Check page 6 at A4 Accessories Guide.



2.BUSBAR

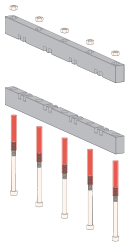
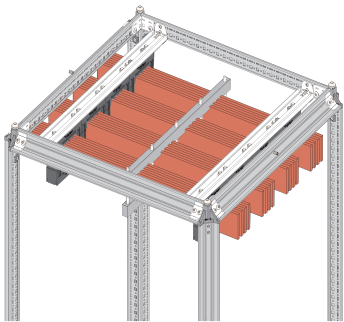
2.1.1 BUSBAR RAIL KIT



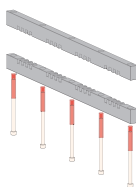
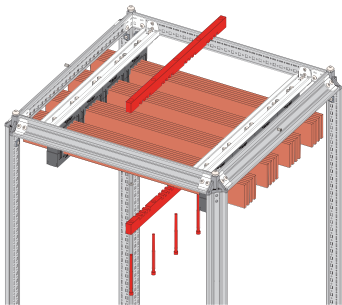
WIDTH(W)	DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
600	600	1010.160	2 pcs.	2	65 kA/85kA
800		1010.160	2 pcs.	2	
600	800	1010.180	2 pcs.	2	
800		1010.180	2 pcs.	2	

- 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 Icw value.

2.1.2 BUSBAR SUPPORT INSULATOR



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1044.4088	2 pcs.	2	85 kA
3400	1044.4068	2 pcs.	2	
3000	1044.4058	2 pcs.	2	
2500	1044.4048	2 pcs.	2	



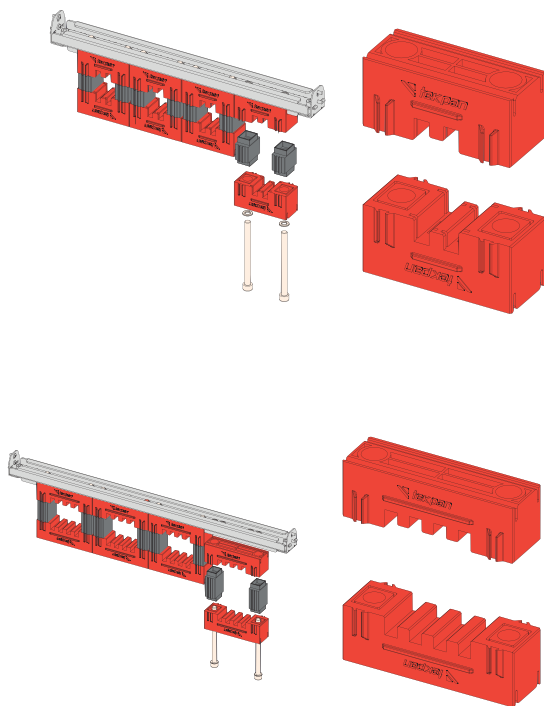
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
2300	1044.2086	2 pcs.	2	85 kA
1860	1044.2066	2 pcs.	2	
1620	1044.2056	2 pcs.	2	
1350	1044.2046	2 pcs.	2	

- **!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	

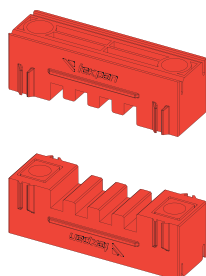
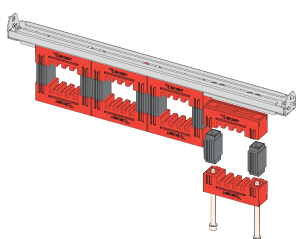
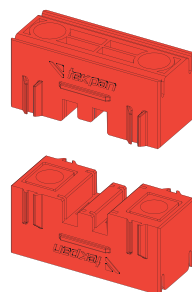
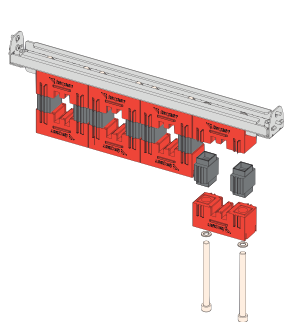
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.

For Multiple Order:

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

■ 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.)	I _{cw} (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.)	I _{cw} (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	

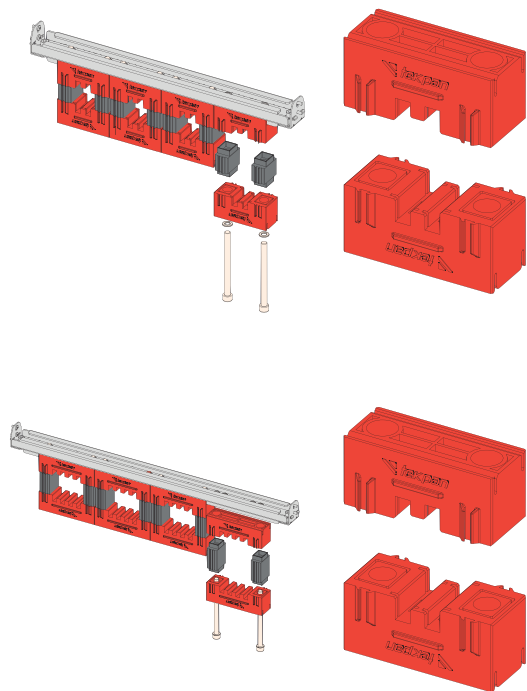
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for I_{cw} value.
- **TN-S(1/1), TT(1/1)** systems must be used **NEUTRAL (1/1)**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

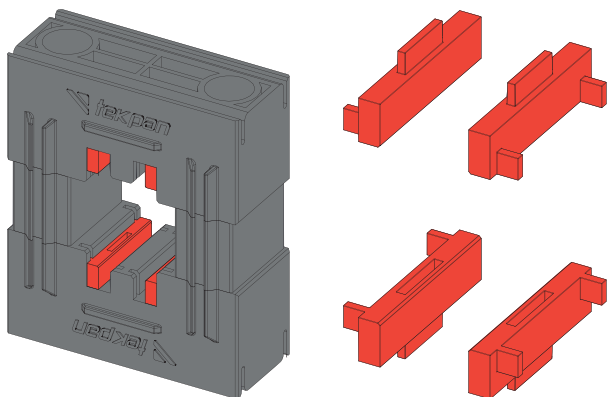
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must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



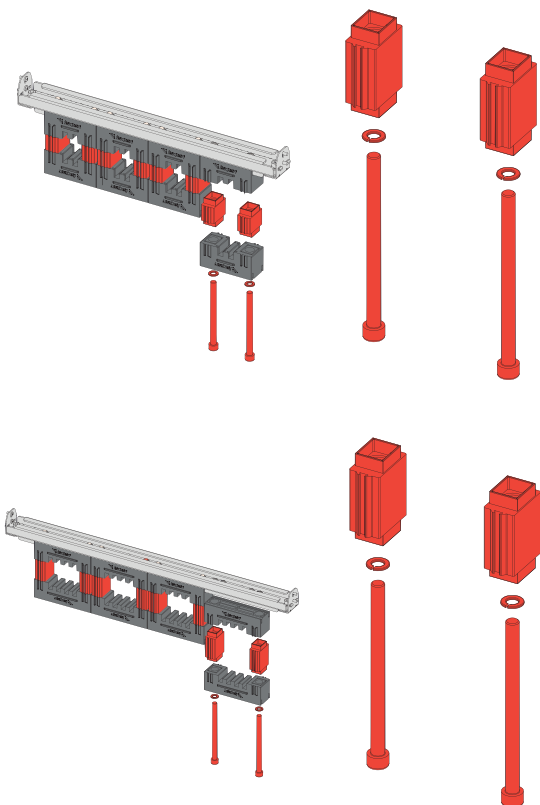
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for I_{cw} value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems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

BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	I _{cw} (kA)
1860	1019.001	4 pcs.	8	65 kA / 85 kA
1620	1019.001	4 pcs.	8	
1350	1019.001	4 pcs.	8	

For Multiple Order:

REF. NO.	REQUIRED 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.)	I _{cw} (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.)	I _{cw} (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 **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 I_{cw} value.

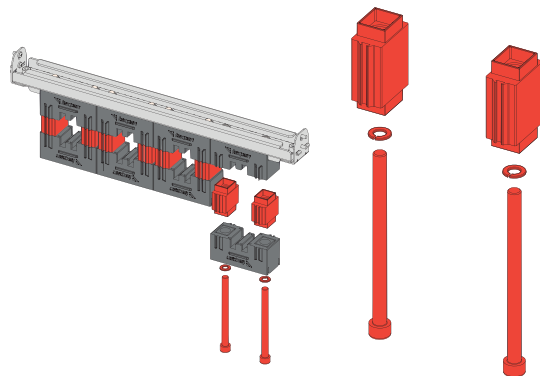
For Multiple Order:

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.

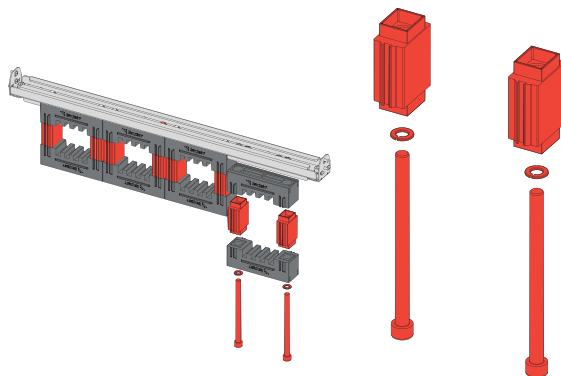


2.2.5 HOLDER HEIGHTS (NEUTRAL)

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	

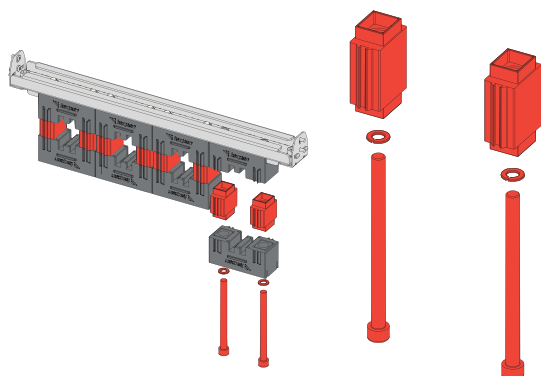
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/1), TT(1/1)** systems must be used **NEUTRAL (1/1)**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

For Multiple Order:

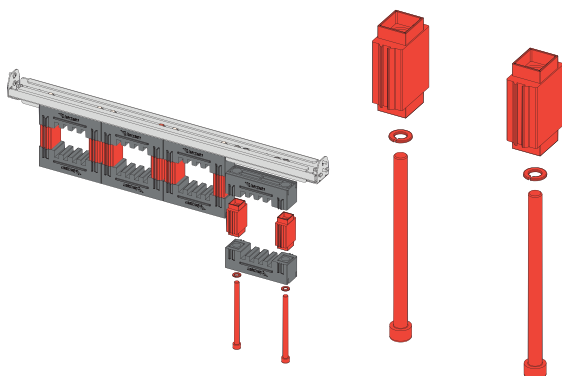
INFO	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.104	6 pcs.
	1011.204	48 pcs.
50H	1011.105	6 pcs.
	1011.205	48 pcs.
60H	1011.106	6 pcs.
	1011.206	48 pcs.
80H	1011.108	6 pcs.
	1011.208	48 pcs.



■ 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	

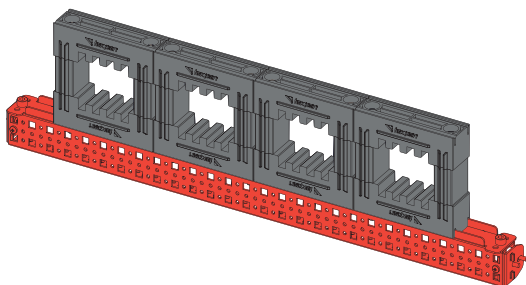
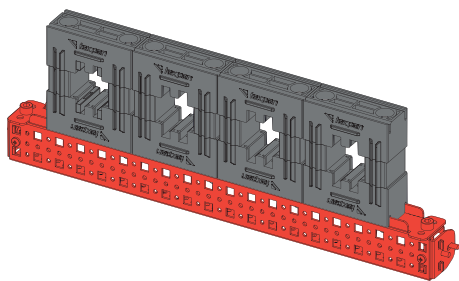
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must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



DEPTH(D)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs)	I _{cw} (kA)
600	1010.260	2 pcs.	2	65 kA/85 kA
800	1010.280	2 pcs.	2	

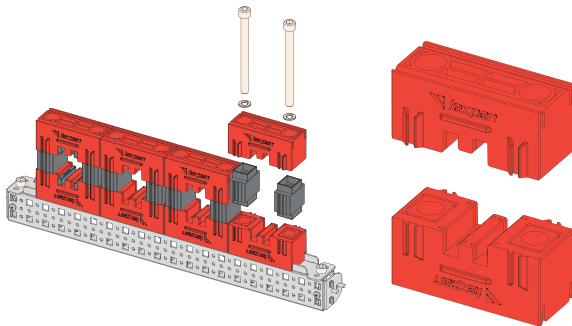
For Multiple Order:

DEPTH(D)	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs)
600	1010.261	12 pcs.
800	1010.281	12 pcs.

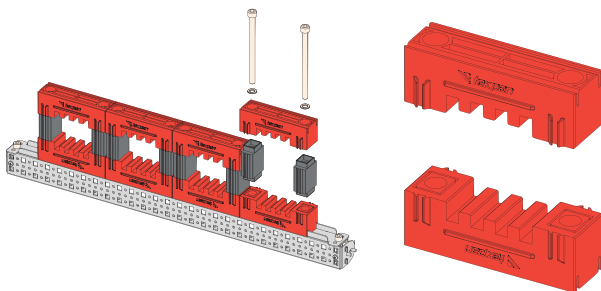
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for I_{cw} value.

■ 2.4 BUSBAR HOLDERS (MID)

■ 2.4.1 MAIN HOLDER (L1, L2, L3)



BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs)	I _{cw} (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)	I _{cw} (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	

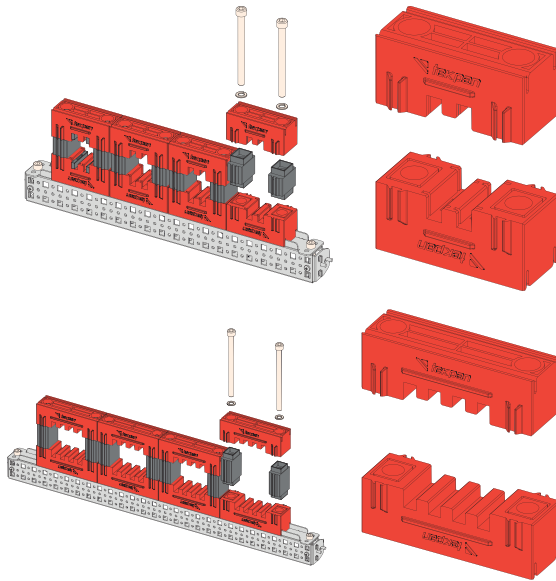
For Multiple Order:

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 I_{cw} value.

■ 2.4.2 MAIN HOLDERS (NEUTRAL)

■ 2.4.2.1 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	

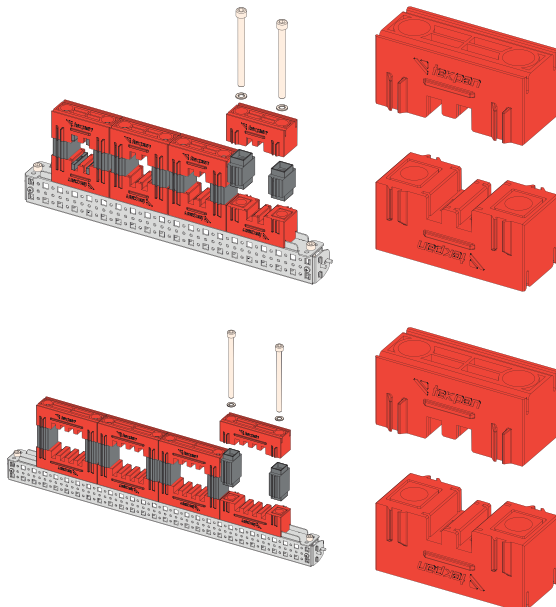
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
4000	1009.001	2 pcs.	4	65 kA/85 kA
3400	1009.001	2 pcs.	4	
3000	1009.001	2 pcs.	4	
2500	1009.001	2 pcs.	4	

- 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.

■ 2.4.2.2 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	

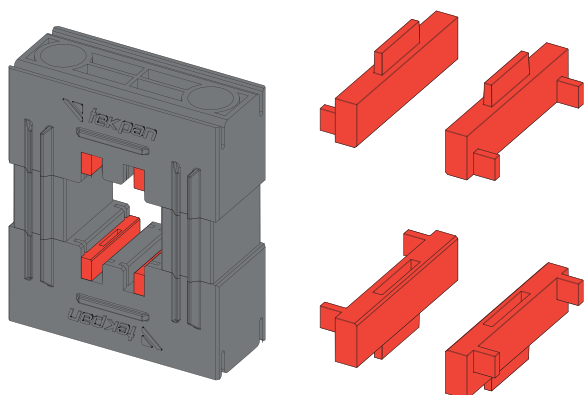
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must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



2.4.3 MAIN HOLDER ADAPTER (NEUTRAL)



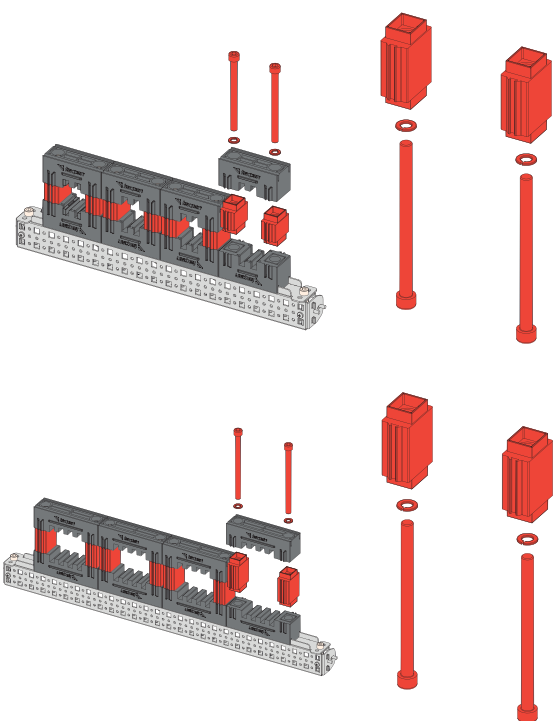
BUSBAR POWER(A)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)	Icw (kA)
1860	1019.001	4 pcs.	8	65 kA/85 kA
1620	1019.001	4 pcs.	8	
1350	1019.001	4 pcs.	8	

For Multiple Order:

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

2.4.4 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 **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.

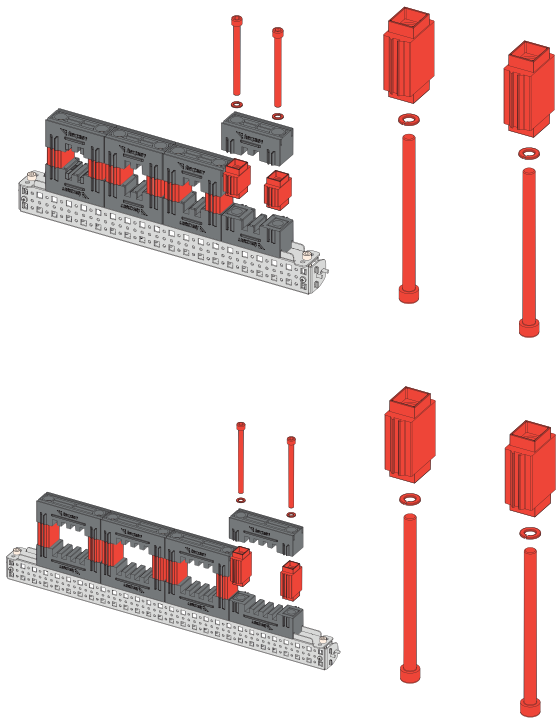
For Multiple Order:

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.



■ 2.4.5 HOLDER HEIGHTS (NEUTRAL)

■ 2.4.5.1 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	

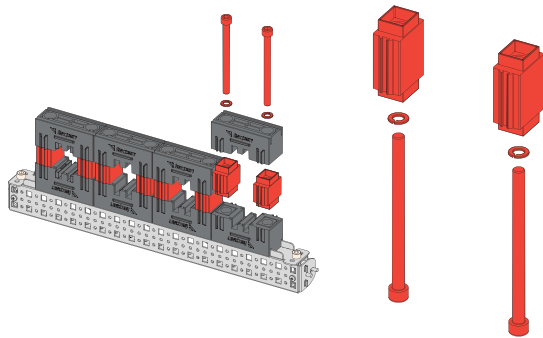
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/1), TT(1/1)** systems must be used **NEUTRAL (1/1)**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

For Multiple Order:

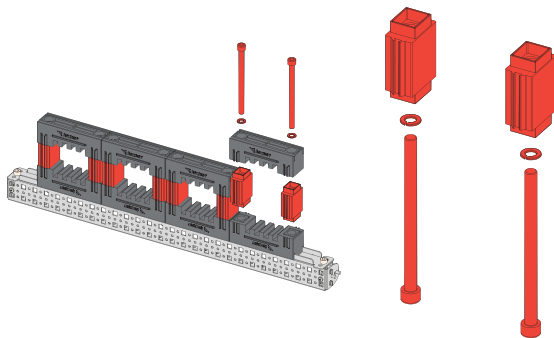
HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs.)
40H	1011.104	6 pcs.
	1011.204	48 pcs.
50H	1011.105	6 pcs.
	1011.205	48 pcs.
60H	1011.106	6 pcs.
	1011.206	48 pcs.
80H	1011.108	6 pcs.
	1011.208	48 pcs.



■ 2.4.5.2 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	

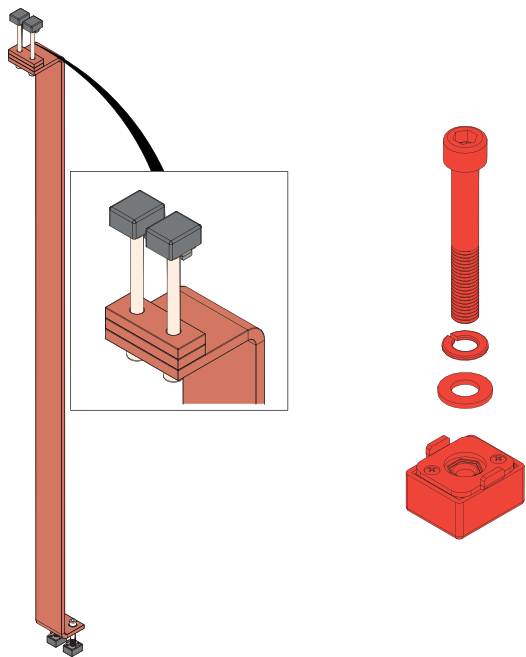
- For **Ref.No quantity** = **Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.
- **Please check** your design/project for Icw value.
- **TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2), TT(1/2)** systems must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

For Multiple Order:

HEIGHT(H)	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.



■ 2.5 PEN CONNECTION KIT

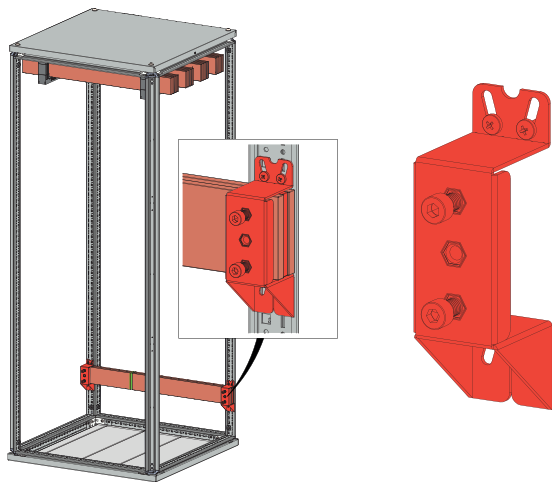


BUSBAR POWER(A)	REF. NO.	REQUIRED QTY. (set)
4000	1066.400	1
3400	1066.340	1
3000	1066.300	1
2500	1066.250	1
2300	1066.230	1
1860	1066.180	1
1620	1066.160	1
1350	1066.135	1

● 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.**

■ 2.6 EARTHING KIT



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

For Multiple Order:

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

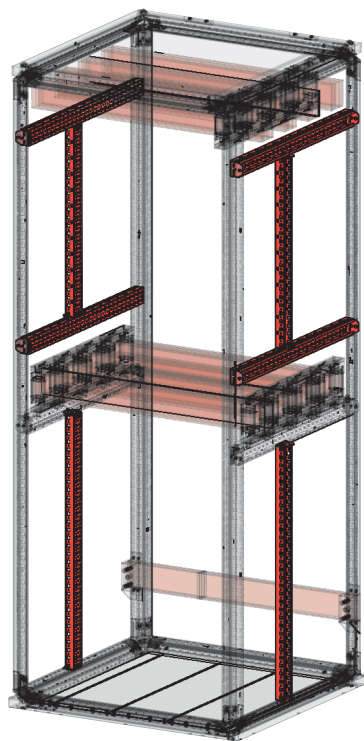
- For **Ref.No quantity = Required Qty. / Package Qty.**
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.



3. SYSTEM - 2 SEPARATION

3.1 SYSTEM - 2 FRAME

3.1.1 SCISSILE RAIL



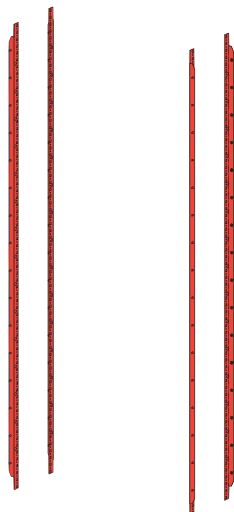
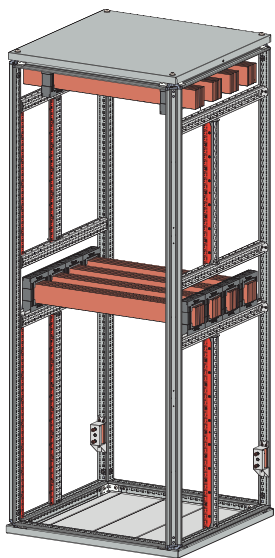
For DEPTH			
LENGHT(L)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
600	944.424	2 pcs.	2
800	944.425	2 pcs.	2

For HEIGHT			
LENGHT(L)	REF. NO.	PACKAGE QTY. (pcs.)	REQUIRED QTY. (pcs.)
900	1006.001	4 pcs.	2
700	944.432	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



ASSEMBLY AREA	REF. NO.	REQUIRED QTY. (set)
TOP		
COUPLING	1006.007	1
BOTTOM		
COUPLING	1006.010	1

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

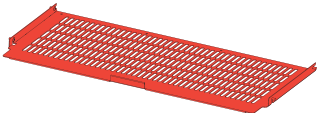
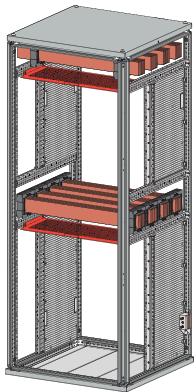
For Multiple Order:

INFO	REF. NO.	REQUIRED QTY. (set)
1000H	1006.110	3 Set (12 pcs.)
700H	1006.107	3 Set (12pcs.)



3.2 SEPARATION

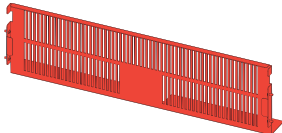
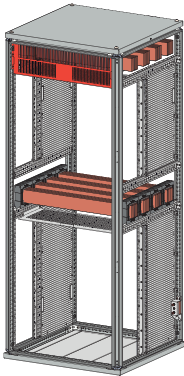
3.2.1 BUSBAR SEPARATION SHELF



WIDTH(W)	REF. NO.	PACKAGE QTY. (Pcs)	REQUIRED QTY. (pcs.)
600	1008.160	1 pc.	2
800	1008.180	1 pc.	2

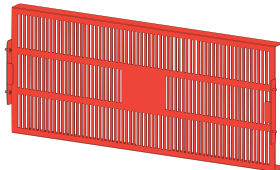
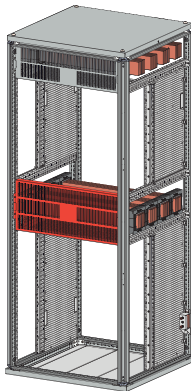
• This section must be selected with **Form 2a, Form 2b, Form 3a, Form 3b, Form 4a, Form 4b** separating options.

3.2.2 BUSBAR SEPARATION COVER



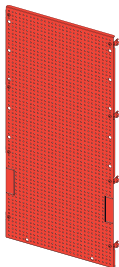
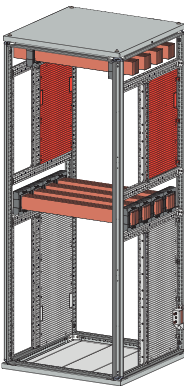
TOP			
WIDTH(W)	REF. NO.	PACKAGE QTY. (Pcs)	REQUIRED QTY. (pcs.)
600	1013.060	1 pc.	1
800	1013.080	1 pc.	1

• This part must be selected with all separating options.

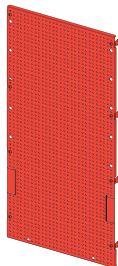
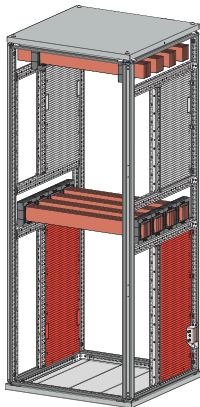


BOTTOM			
WIDTH(W)	REF. NO.	PACKAGE QTY. (Pcs)	REQUIRED QTY. (pcs.)
600	1013.560	1 pc.	1
800	1013.580	1 pc.	1

3.2.3 SYSTEM - 2 REAR SEPARATION COVERS



TOP			
DEPTH(D)	REF. NO.	PACKAGE QTY. (Pcs)	REQUIRED QTY. (pcs.)
600	1014.675	2 pcs.	2
800	1014.875	2 pcs.	2



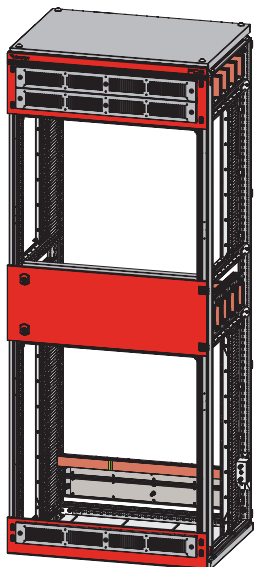
BOTTOM			
DEPTH(D)	REF. NO.	PACKAGE QTY. (Pcs)	REQUIRED QTY. (pcs.)
600	1014.685	2 pcs.	2
800	1014.885	2 pcs.	2

- There is no part need for **Form 1,Form 2a,Form 3a** separating option.
- This section must be selected with **Form 2b, Form 3b, Form 4a, Form 4b** separating options.



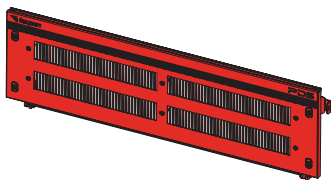
4. FRONT - REAR PANELS

4.1 EXTERNAL PARTIAL DOORS



- **External Partial Door** usable area height is max. for Top 600mm / Bottom 700mm
- **Fixed Bottom Cover** height have to 100 for max. assembly area.

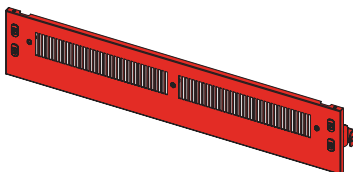
4.1.1 FIXED TOP PARTIAL DOOR



TOP				
WIDTH(W)	DOOR TYPE	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.**

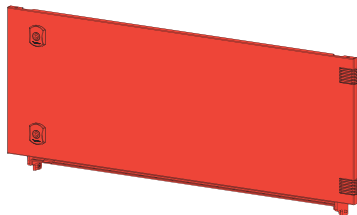
4.1.2 FIXED BOTTOM PARTIAL DOOR



BOTTOM				
WIDTH(W)	DOOR TYPE	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.**

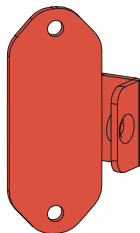
4.1.3 PARTIAL DOOR



WIDTH(W)	DOOR TYPE	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
600	300	853.630	1 pc.	1
800	300	853.830	1 pc.	1

- Package includes **1 pcs. Partial Door, Assembly Parts (Locks, Hinges included).**

4.1.4 TEOS SINGLE TYPE MID BRACKET

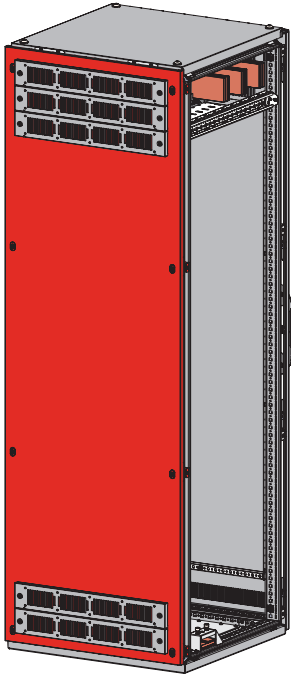


REF. NO.	REQUIRED QTY. (set)
1003.001	1

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



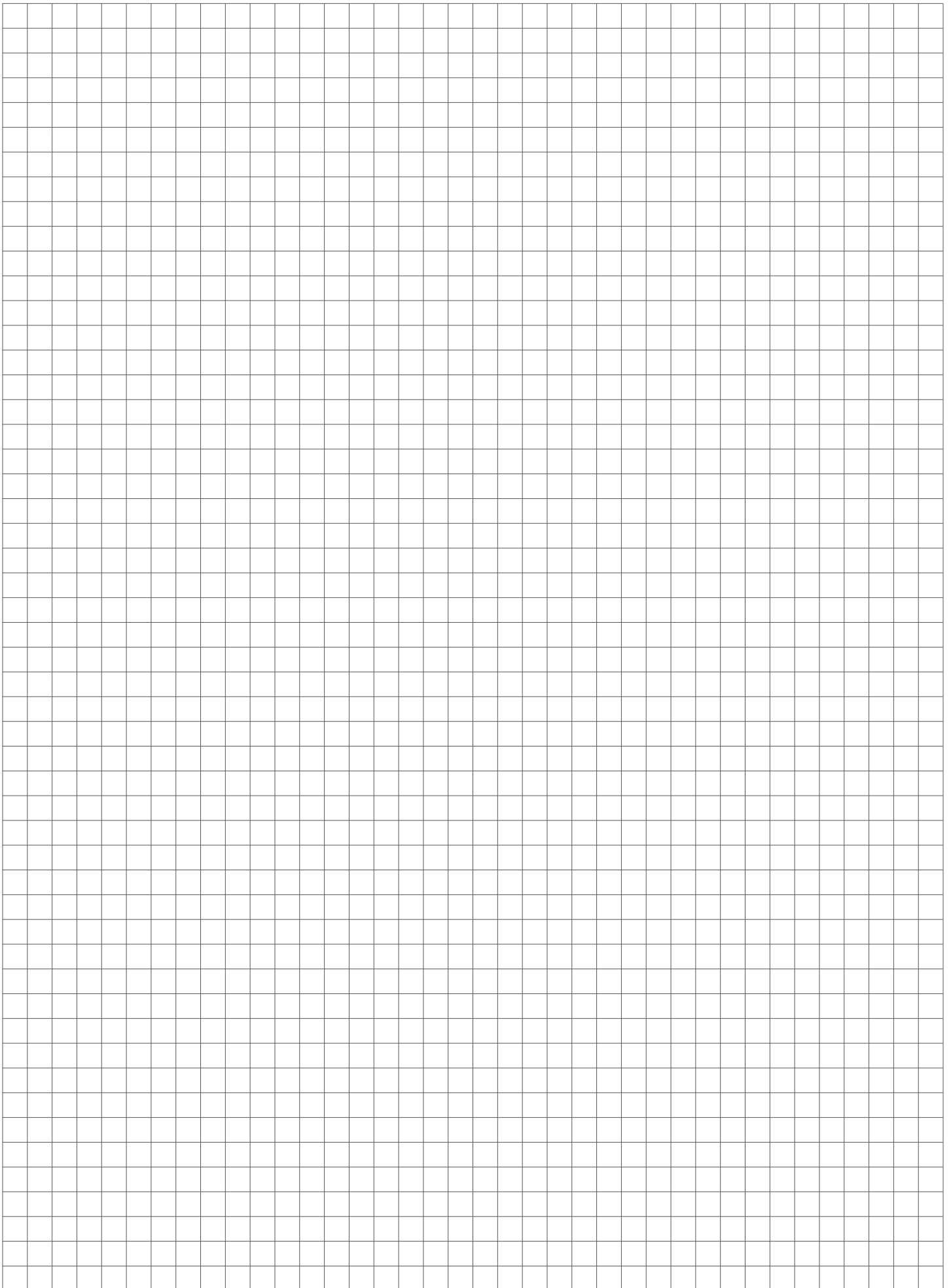
■ 4.2 REAR PANEL



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.





PDS
UPGRADE THE POWER