

A3.1

ACB / MCCB (VER) CASSETTE

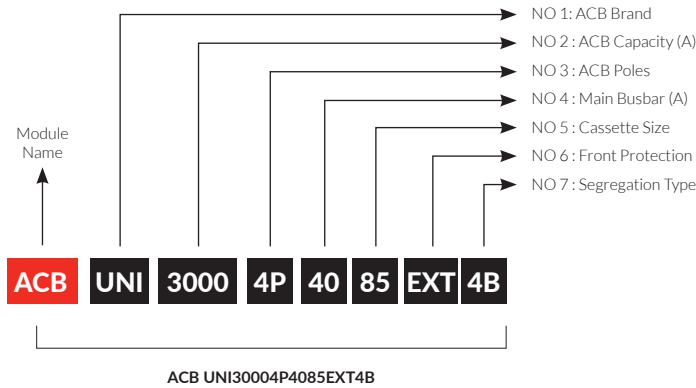
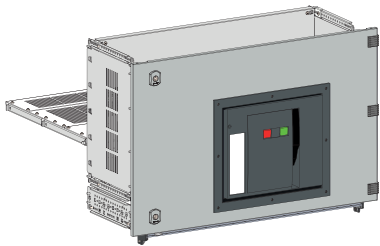
07/2023



PDS
UPGRADE THE POWER

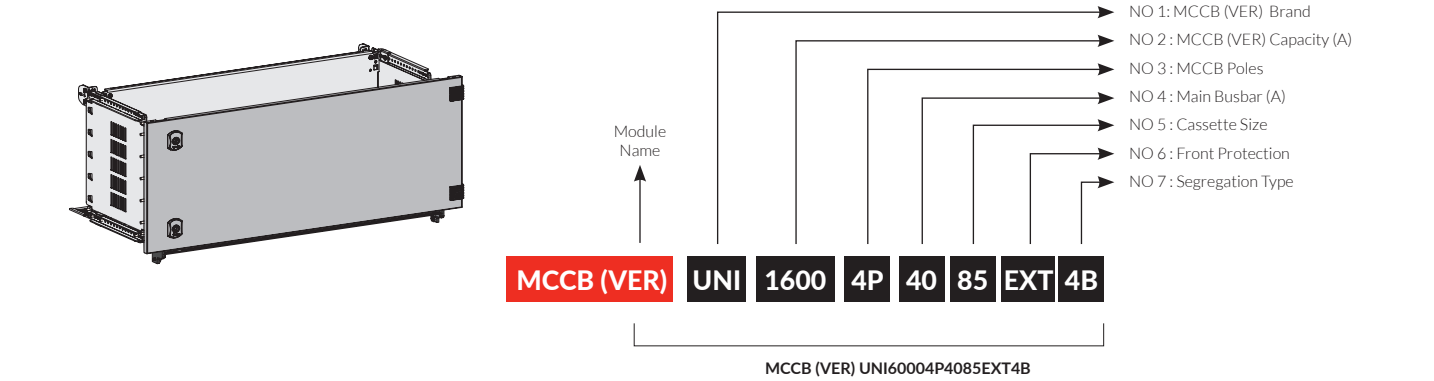
SELECTION CHARACTERISTICS

For ACB CASSETTE



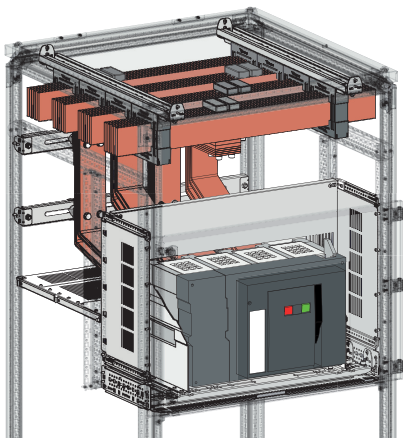
NO 1			NO 2		NO 3		NO 4		NO 5		NO 6		NO 7										
Selection Code	Model	Brand	Selection Code	ACB Current(A)	Selection Code	Poles	Main Busbar (In)	Module Depth(D)	Selection Code	Cassette Width X Height (WxH)	Selection Code	Front Protection	Selection Code	Segregation Type									
UNI	Universal	No Brand	0630	630A	3P	3	1350A	600	64	600X400	EXT	External	01	Form 1									
E12	E1.2	ABB	0800	800A	4P	4 (3P+N)	1620A		65	600X500			2A	Form 2a									
E22	E2.2		1000	1000A			1860A		66	600X600			2B	Form 2b									
E42	E4.2		1250	1250A			2300A		84	800X400			3A	Form 3a									
IZMX1	IZMX16	EATON	1600	1600A			2500A	800	85	800X500			3B	Form 3b									
IZMX4	IZMX40		2000	2000A			3000A		86	800X600			4A	Form 4a									
DMX25	DMX3 2500	LEGRAND	3000	3000A			3400A						4B	Form 4b									
DMX40	DMX3 4000		3400	3400A			4000A																
AHE	AH-E	LS	4000	4000A																			
AS	AS																						
AEV1	AE-SW V1	MITSUBISHI																					
AEV2	AE-SW V2																						
MTZ1	MTZ1	Schneider																					
MTZ2	MTZ2																						
WA11	3WA11	SIEMENS																					
WA12	3WA12																						

For MCCB (VER) CASSETTE



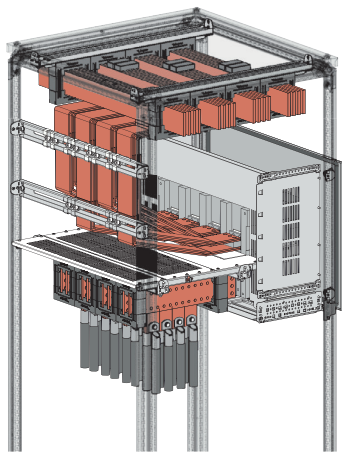
NO 1		NO 2		NO 3		NO 4		NO 5		NO 6		NO 7	
Selection Code	Brand	Selection Code	MCCB(VER) Current(A)	Selection Code	Poles	Main Busbar (In)	Module Depth(D)	Selection Code	Cassette Width X Height (WxH)	Selection Code	Front Protection	Selection Code	Segregation Type
UNI	No Brand	0630	630A	3P	3	1350A	600	64	600X400	EXT	External	01	Form 1
ABB	ABB	0800	800A	4P	4 (3P+N)	1620A		65	600X500			2A	Form 2a
EAT	EATON	1000	1000A			1860A		66	600X600			2B	Form 2b
LEG	LEGRAND	1250	1250A			2300A		84	800X400			3A	Form 3a
LS	LS	1600	1600A			2500A		85	800X500			3B	Form 3b
MIT	MITSUBISHI					3000A	800	86	800X600			4A	Form 4a
SCH	SCHNEIDER					3400A						4B	Form 4b
SIE	SIEMENS					4000A							

■ NO 1: CASSETTE SIZE



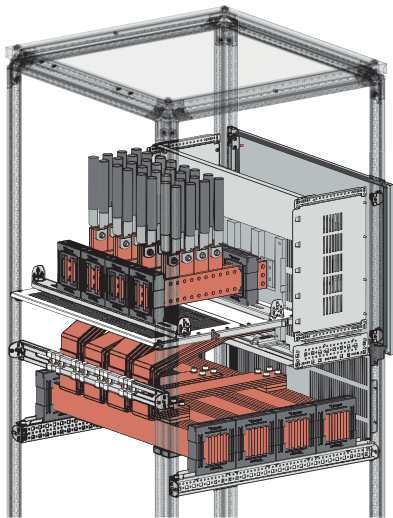
- Cassette sizes depend on size of ACB Brand.
- Poles are not effecting size of the ACB Cassettes.
- PDS deliveries cable/conductor connection kits of main busbar to Cassette. For that reason Pole type selection is important to get the correct quantities.
- When selecting cassettes, the user must to be consider the pole type of the module and pole type of the Cassette have to be compatible.
- If user selects 4 poles ACB cassette have to be sure that the module earthing configuration comprises TN-S (1/1) or TT (1/1).
- For 3 poles selection the user can be choose all type of earthing configurations. Please see at earthing configuration sheets and instructions.

ACB SELECTION



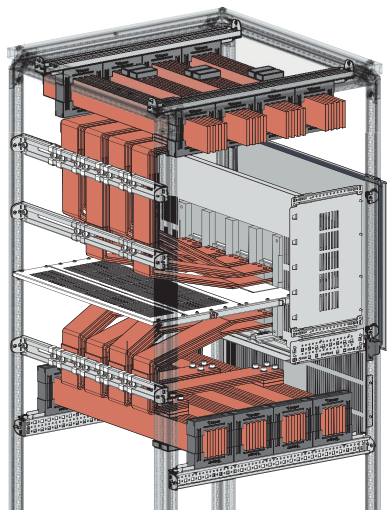
ACB SELECTION FOR TOP BUSBAR POSITION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	HV	800-1250	3/4	600	400
NO BRAND	-	F/D	HV	800-4000	3/4	800	500
NO BRAND	-	F/D	HV	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	HV	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	HV	800-4000	3/4	800	500
SIEMENS	3WL	F	HV	800-4000	3/4	800	600
SIEMENS	3WL	D	HV	800-4000	3/4	800	600
ABB	E4.2	F	HV	800-4000	3/4	800	500
ABB	E4.2	D	HV	800-4000	3/4	800	500

ACB Type **F**: Fixed, **D**: Drawout
ACB Rear Connection **H**: Horizontal, **V**: Vertical



ACB SELECTION FOR MID BUSBAR CONNECTION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	VH	800-1250	3/4	600	400
NO BRAND	-	F/D	VH	800-4000	3/4	800	500
NO BRAND	-	F/D	VH	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	VH	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	VH	800-4000	3/4	800	500
SIEMENS	3WL	F	VH	800-4000	3/4	800	600
SIEMENS	3WL	D	VH	800-4000	3/4	800	600
ABB	E4.2	F	VH	800-4000	3/4	800	500
ABB	E4.2	D	VH	800-4000	3/4	800	500

ACB Type **F**: Fixed, **D**: Drawout
ACB Rear Connection **H**: Horizontal, **V**: Vertical



ACB SELECTION FOR COUPLING CONNECTION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	HH	800-1250	3/4	600	400
NO BRAND	-	F/D	HH	800-4000	3/4	800	500
NO BRAND	-	F/D	HH	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	HH	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	HH	800-4000	3/4	800	500
SIEMENS	3WL	F	HH	800-4000	3/4	800	600
SIEMENS	3WL	D	HH	800-4000	3/4	800	600
ABB	E4.2	F	HH	800-4000	3/4	800	500
ABB	E4.2	D	HH	800-4000	3/4	800	500

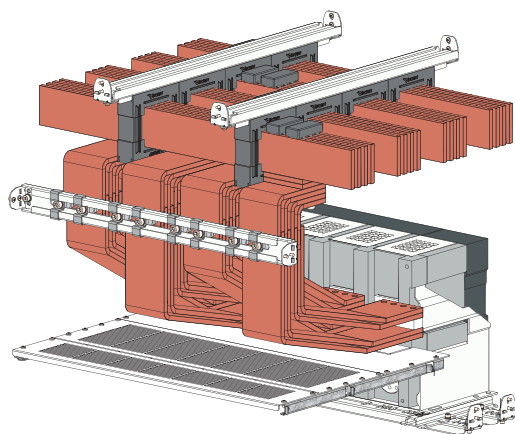
ACB Type **F**: Fixed, **D**: Drawout
ACB Rear Connection **H**: Horizontal, **V**: Vertical

■ NO 2: MAIN BUSBARS IN THE ACB MODULE

- Second important selection is Pole Type of the cassette feeding.
- There are two type of selection : 3 Poles (L1+L2+L3) +N+PE or 4 Poles (L1+L2+L3+N)+PE as the user demand.

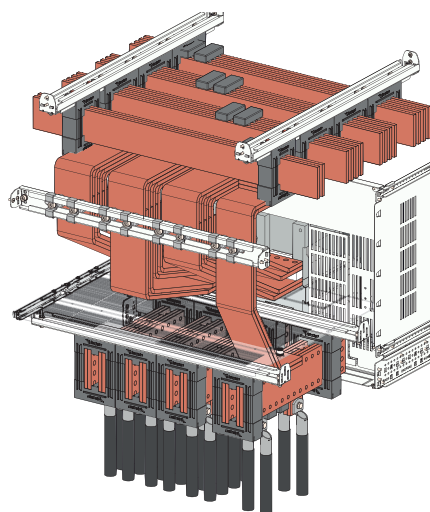
TOP BUSBAR

4 POLES (L1+L2+L3+N) + PE



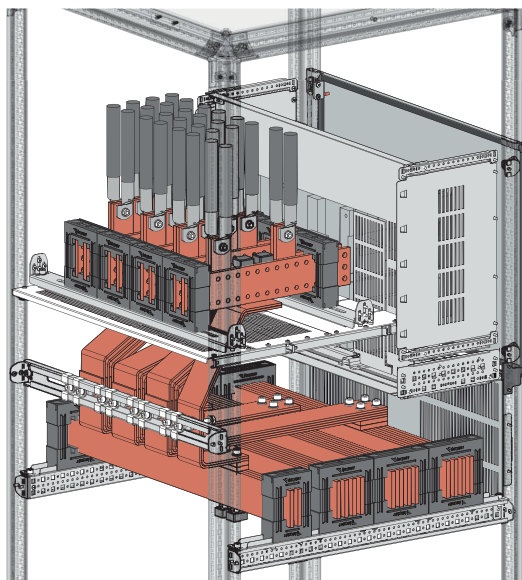
! Note : 4 Poles vertical busbar position (L1+L2+L3+N) is valid in only TN-S(1/1) and TT(1/1) configurations in NO 3. Please see at Earthing System

3 POLES (L1+L2+L3) +N + PE

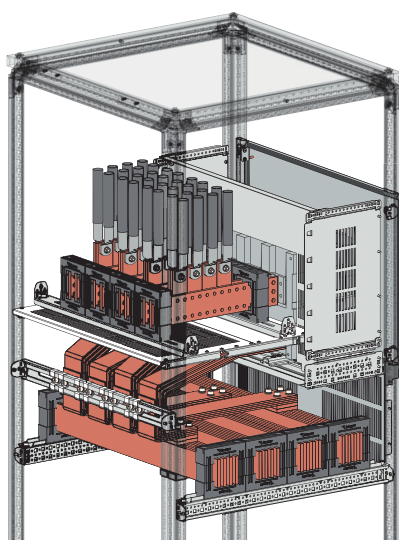


! Note : 3 Poles vertical busbar position (L1+L2+L3)+N is valid in TN-S(1/2), TN-C (PEN)(1/2), TN-C-S(1/2) and TT(1/2) configurations in NO 3. Please see at Earthing System

MID BUSBAR



! 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

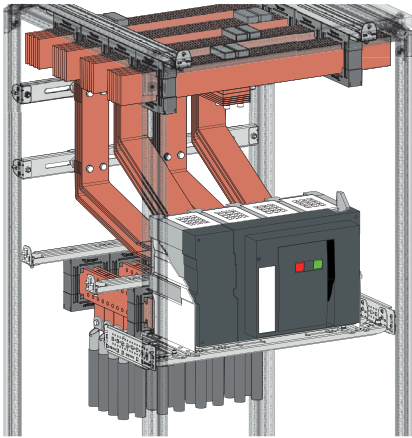


! Note : 3 Poles vertical busbar position (L1+L2+L3)+N is valid in TN-S(1/2), TN-C (PEN) (1/2), TN-C-S(1/2) and TT(1/2) configurations in NO 3. Please see at Earthing System

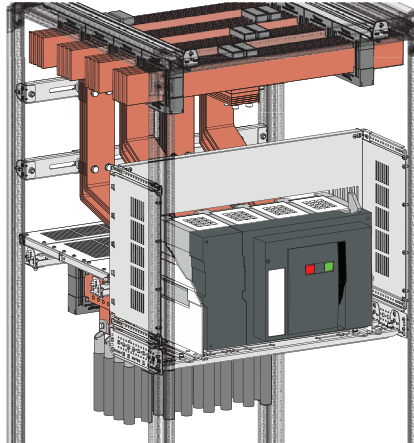
■ NO 3 : SEGREGATION TYPE

- Selecting cassettes, the user must to be consider the segregation of the module and the cassette have to be compatible.
- See the details for assembling cassettes according to Form types in assembling drawings and instructions.

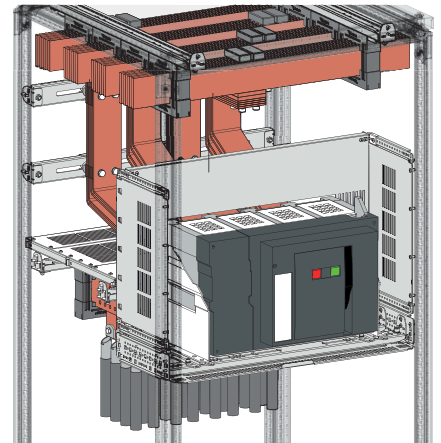
Form 1



Form 2a, 3a

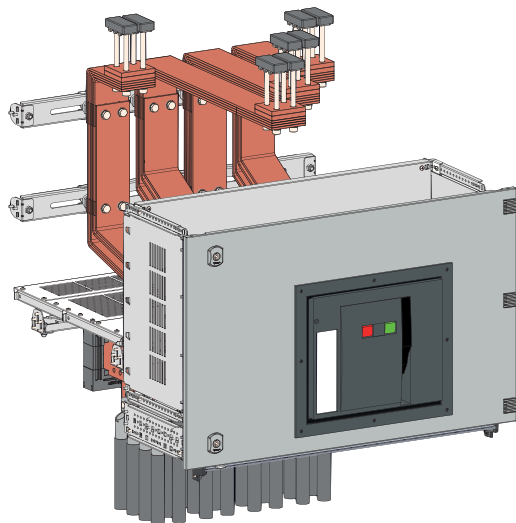


Form 2a/2b, Form 3a/3b, fForm 4a/4b

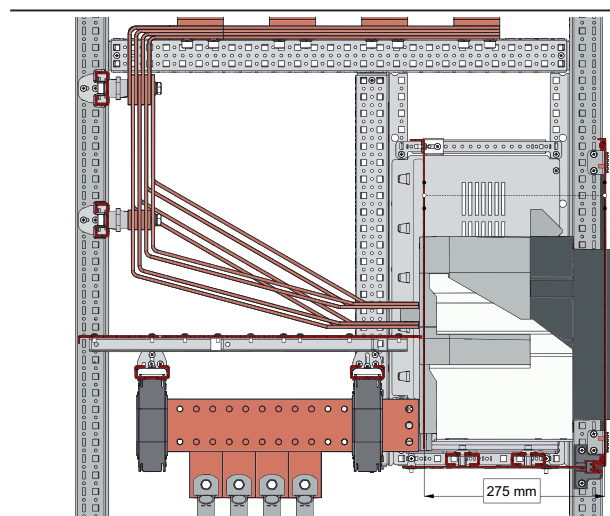


■ NO 4 : FRONT PROTECTION

External Protection

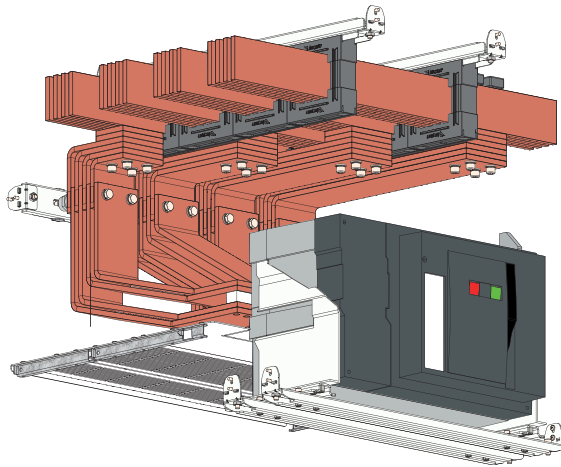


Depth View Size of External Protection

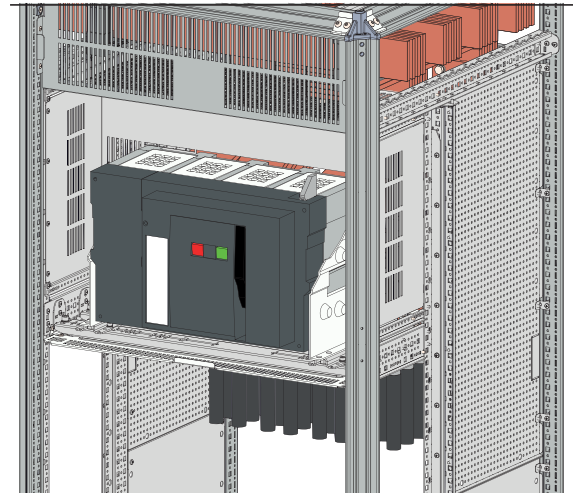


! Selecting cassettes, the user must to be consider the front protection of the module and the cassette have to be compatible

■ NO:5 INSTALLATION OF ACB CASSETTE

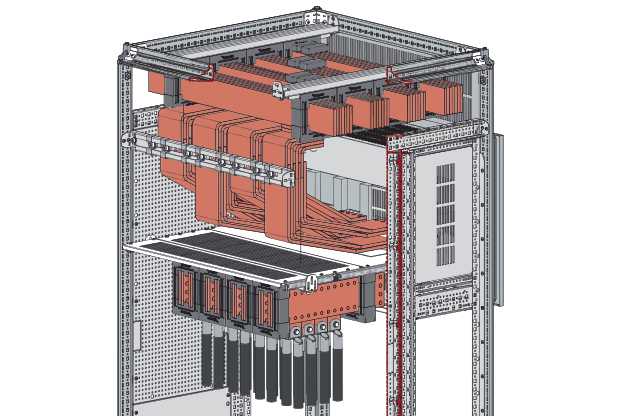
Conductor Connections from Main Busbar
to ACB Input

Fixing of an ACB Cassette into Module

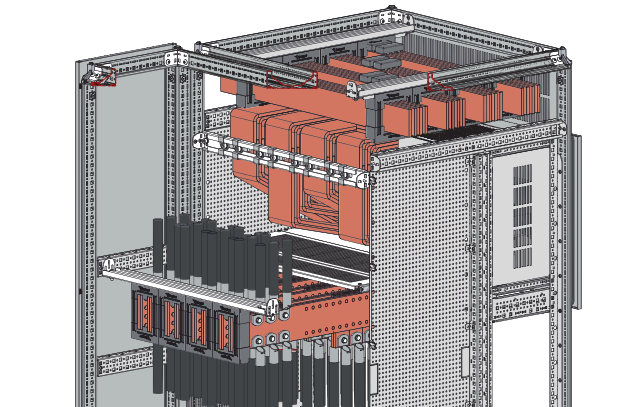


ACB Output to Terminal Connections

Without ACB Rear Cable Module

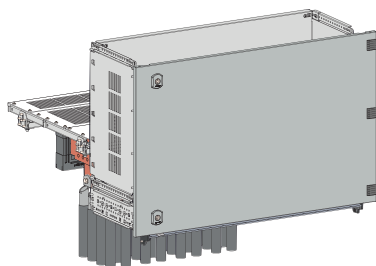


With ACB Rear Cable Module





■ 1.SIZING THE CASSETTE



ACB SELECTION FOR TOP BUSBAR POSITION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	HV	800-1250	3/4	600	400
NO BRAND	-	F/D	HV	800-4000	3/4	800	500
NO BRAND	-	F/D	HV	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	HV	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	HV	800-4000	3/4	800	500
SIEMENS	WL2	F	HV	800-4000	3/4	800	600
SIEMENS	WL2	D	HV	800-4000	3/4	800	600
ABB	E4.2	F	HV	800-4000	3/4	800	500
ABB	E4.2	D	HV	800-4000	3/4	800	500

ACB SELECTION FOR BOTTOM CONNECTION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	VH	800-1250	3/4	600	400
NO BRAND	-	F/D	VH	800-4000	3/4	800	500
NO BRAND	-	F/D	VH	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	VH	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	VH	800-4000	3/4	800	500
SIEMENS	WL2	F	VH	800-4000	3/4	800	600
SIEMENS	WL2	D	VH	800-4000	3/4	800	600
ABB	E4.2	F	VH	800-4000	3/4	800	500
ABB	E4.2	D	VH	800-4000	3/4	800	500

ACB SELECTION FOR COUPLING CONNECTION							
BRAND	MODEL	ACB TYPE	ACB REAR CONNECTION	FUNCTIONAL UNIT CURRENT (A)	POLE	WIDTH(W)	HEIGHT(H)
NO BRAND	-	F/D	HH	800-1250	3/4	600	400
NO BRAND	-	F/D	HH	800-4000	3/4	800	500
NO BRAND	-	F/D	HH	800-4000	3/4	800	600
SCHNEIDER	NW/MTZ2	F	HH	800-4000	3/4	800	500
SCHNEIDER	NW/MTZ2	D	HH	800-4000	3/4	800	500
SIEMENS	WL2	F	HH	800-4000	3/4	800	600
SIEMENS	WL2	D	HH	800-4000	3/4	800	600
ABB	E4.2	F	HH	800-4000	3/4	800	500
ABB	E4.2	D	HH	800-4000	3/4	800	500

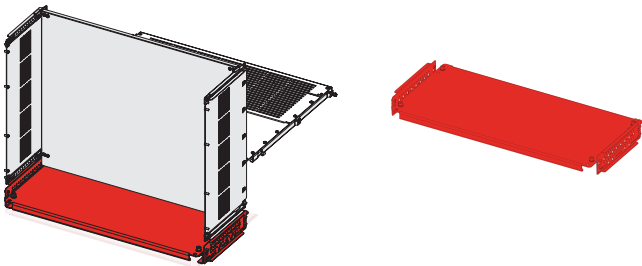
ACB Type **F**: Fixed, **D**: Drawout

ACB Rear Connection **H**: Horizontal, **V**: Vertical



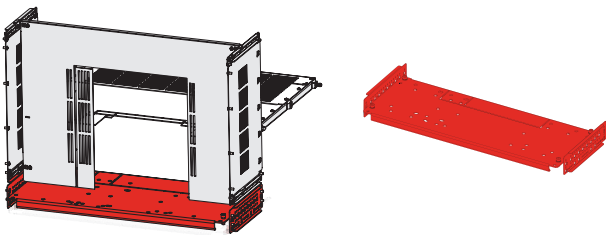
2.ACB MOUNTING SYSTEM

2.1 ACB ASSEMBLY KIT



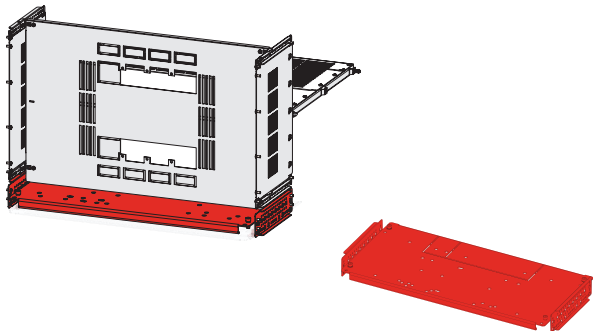
NO BRAND		
WIDTH(W)	REF. NO.	REQUIRED QTY. (pcs.)
600	1029.0060	1
800	1029.0080	1

Package includes 2 pcs. System-2 ACB Rail, 1 pcs. ACB Mounthing Plate, 1 pcs. ACB Plate Profile(Right), 1 pcs. ACB Plate Profile(Left), Assembly parts.



WITH BRAND FIXED			
BRAND	WIDTH(W)	REF. NO.	REQUIRED QTY. (set)
SCHNEIDER EATON	600	1029.1060	1
SIEMENS ABB	600	1029.1061	1
LS LEGRAND MISHUBISHI	600	1029.1062	1
SCHNEIDER EATON	800	1029.1080	1
SIEMENS ABB	800	1029.1081	1
LS LEGRAND MISHUBISHI	800	1029.1082	1

Package includes 2 pcs. System-2 ACB Rail, 1 pcs. ACB Mounthing Plate, 1 pcs. ACB Plate Profile(Right), 1 pcs. ACB Plate Profile(Left), Assembly parts.



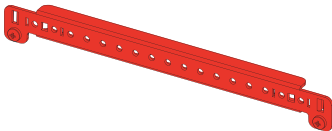
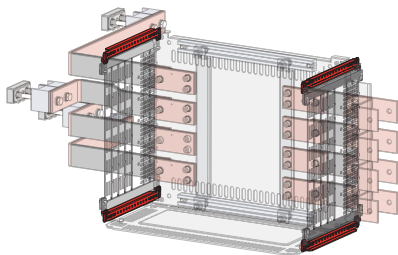
WITH BRAND DRAWOUT			
BRAND	WIDTH(W)	REF. NO.	REQUIRED QTY. (set)
SCHNEIDER EATON	600	1029.2060	1
SIEMENS ABB	600	1029.2061	1
LS LEGRAND MISHUBISHI	600	1029.2062	1
SCHNEIDER EATON	800	1029.2080	1
SIEMENS ABB	800	1029.2081	1
LS LEGRAND MISHUBISHI	800	1029.2082	1

Package includes 2 pcs. System-2 ACB Rail, 1 pcs. ACB Mounthing Plate, 1 pcs. ACB Plate Profile(Right), 1 pcs. ACB Plate Profile(Left), Assembly parts.



■ 2.2 MCCB(VER) PARTS

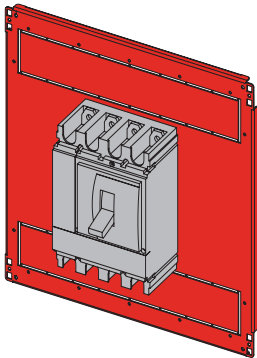
■ 2.2.1 SYSTEM-2 RAIL KIT



REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
1037.001	4 pcs.	4

• Package includes **4 pcs. System-2 Rail, Assembly Parts(M5x10 Screw)**

■ 2.2.2 VERTICAL MOUNTING PLATE

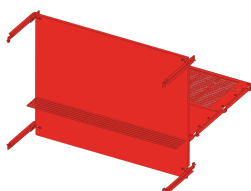
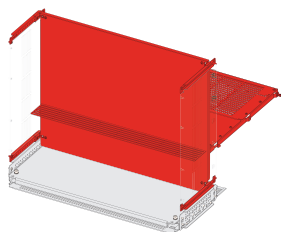


WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
600	500	1045.1650	1 pc.	1
600	600	1045.1660	1 pc.	1
800	500	1045.1850	1 pc.	1
800	600	1045.1860	1 pc.	1

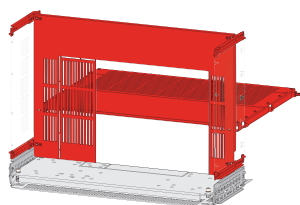


3. SEPARATION

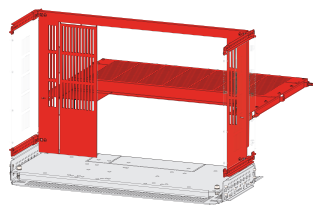
3.1 SEPARATION KIT



NO BRAND			
WIDTH(W)	HEIGHT(H)	REF. NO.	REQUIRED QTY. (set)
600	400	1034.640	1
600	500	1034.650	1
600	600	1034.660	1
800	400	1034.840	1
800	500	1034.850	1
800	600	1034.860	1



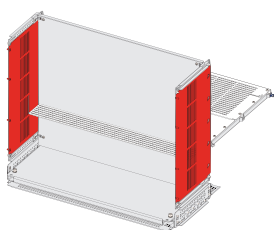
WITH BRAND FIXED					
BRAND	MODEL	WIDTH(W)	HEIGHT(H)	REF. NO.	REQUIRED QTY.
SCHNEIDER	MTZ1	600	500	1034.0611	1
SCHNEIDER	MTZ1	800	500	1034.0811	1
SCHNEIDER	MTZ2	800	500	1034.0813	1
ABB	E1.2	600	500	1034.0621	1
ABB	E1.2	800	500	1034.0821	1
ABB	E2.2	600	500	1034.0623	1
ABB	E2.2	800	500	1034.0823	1
ABB	E4.2	800	500	1034.0825	1
SIEMENS	3WA11	600	600	1034.0631	1
SIEMENS	3WA11	800	600	1034.0831	1
SIEMENS	3WA12	800	600	1034.0833	1
EATON	IZMX16	600	400	1034.0641	1
EATON	IZMX16	800	400	1034.0841	1
EATON	IZMX40	800	500	1034.0843	1
LEGRAND	DMX 2500	600	500	1034.0651	1
LEGRAND	DMX 2500	800	500	1034.0851	1
LEGRAND	DMX 4000	800	500	1034.0853	1
MITSUBISHI	AE-SW V1	600	600	1034.0661	1
MITSUBISHI	AE-SW V1	800	600	1034.0861	1
MITSUBISHI	AE-SW V2	800	600	1034.0863	1
LS	AS	600	400/500	1034.0671	1
LS	AS	800	400/500	1034.0871	1
LS	AH-E	800	500	1034.0873	1



WITH BRAND DRAWOUT					
BRAND	MODEL	WIDTH(W)	HEIGHT(H)	REF. NO.	REQUIRED QTY.
SCHNEIDER	MTZ1	600	500	1034.0612	1
SCHNEIDER	MTZ1	800	500	1034.0812	1
SCHNEIDER	MTZ2	800	500	1034.0814	1
ABB	E1.2	600	500	1034.0622	1
ABB	E1.2	800	500	1034.0822	1
ABB	E2.2	600	500	1034.0624	1
ABB	E2.2	800	500	1034.0824	1
ABB	E4.2	800	500	1034.0826	1
SIEMENS	3WA11	600	600	1034.0632	1
SIEMENS	3WA11	800	600	1034.0832	1
SIEMENS	3WA12	800	600	1034.0834	1
EATON	IZMX16	600	400	1034.0642	1
EATON	IZMX16	800	400	1034.0842	1
EATON	IZMX40	800	500	1034.0844	1
LEGRAND	DMX 2500	600	500	1034.0652	1
LEGRAND	DMX 2500	800	500	1034.0852	1
LEGRAND	DMX 4000	800	500	1034.0854	1
MITSUBISHI	AE-SW V1	600	600	1034.0662	1
MITSUBISHI	AE-SW V1	800	600	1034.0862	1
MITSUBISHI	AE-SW V2	800	600	1034.0864	1
LS	AS	600	400/500	1034.0672	1
LS	AS	800	400/500	1034.0872	1
LS	AH-E	800	500	1034.0874	1

● ***ACB SEPARATION KIT** must be selected with **Form 2a, Form 2b, Form 3a, Form 3b, Form 4a, Form 4b** separating options.

■ 3.2 ACB SIDE SEPARATION COVER

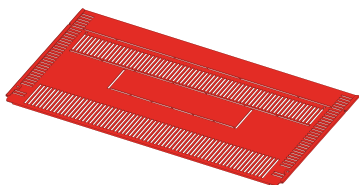
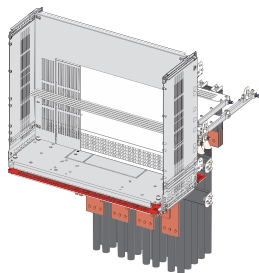


HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (set)
400	1033.325	1 pc.	2
500	1033.425	1 pc.	2
600	1033.525	1 pc.	2

- **ACB SIDE SEPARATION COVER** must be selected with **Form 2a, Form 2b, Form 3a, Form 3b, Form 4a, Form 4b** separating options.
- Package includes **1 pc. Side Cover, Assembly Parts (M5x10 Screw)**



3.3 ACB/MCCB(VER) BOTTOM SEPARATION SHELF

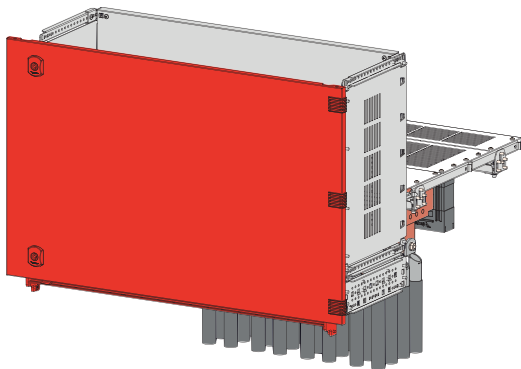


CASSETTE	WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (set)
ACB	600	1032.065	1 pc.	1
	800	1032.085	1 pc.	1
MCCB (VER)	600	1032.060	1 pc.	1
	800	1032.080	1 pc.	1

- **ACB/MCCB(VER) BOTTOM SEPARATION COVER** must be selected with **Form 2b, Form 3b, Form 4a, Form 4b** separating options.
- Package includes **1 pc. Separation Shelf, 4 pcs. Shelf Bracket, Assembly Parts(M5x6 Screw/ Hexagon Socket Head Screw**

4.FRONT DOOR

4.1 EXTERNAL PARTIAL DOOR



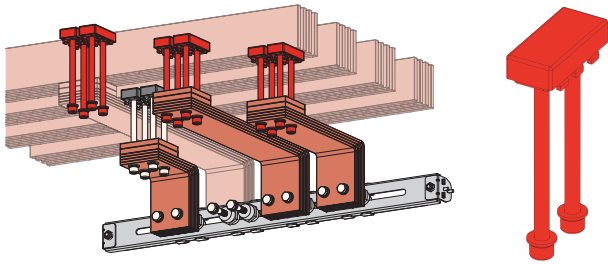
WIDTH(W)	HEIGHT(H)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
600	400	853.640	1 pc.	1
600	500	853.650	1 pc.	1
600	600	853.660	1 pc.	1
800	400	853.840	1 pc.	1
800	500	853.850	1 pc.	1
800	600	853.860	1 pc.	1

- **EXTERNAL DOOR** must be selected only if it is necessary.
- Package includes **1 pcs. Partial Door, Assembly Parts (Locks, Hinges included).**



5. BUSBAR CONNECTION

5.1 ACB MAIN BUSBAR CONNECTION KIT (L1, L2, L3)



- 1 Set includes; 2 pcs. Flex Connect Part (M8 for 2 Flat Bar/ M10 for 4 Flat Bar), Hexagon Socket Head Bolts (M8/M10), Hexagon Head Bolts (M8/M10), Assembly Parts

800D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
4000	4000	1047.4040	1 set	3
	3200	1047.4032	1 set	3
	2500	1047.4025	1 set	3
	2000	1047.4020	1 set	3
	1600	1047.4016	1 set	3
	1250	1047.4012	1 set	3
	1000	1047.4010	1 set	3
	800	1047.4008	1 set	3

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
3400	3200	1047.3432	1 set	3
	2500	1047.3425	1 set	3
	2000	1047.3420	1 set	3
	1600	1047.3416	1 set	3
	1250	1047.3412	1 set	3
	1000	1047.3410	1 set	3
	800	1047.3408	1 set	3

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
3000	2500	1047.3025	1 set	3
	2000	1047.3020	1 set	3
	1600	1047.3016	1 set	3
	1250	1047.3012	1 set	3
	1000	1047.3010	1 set	3
	800	1047.3008	1 set	3

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (pcs.) (L1, L2, L3)
2500	2500	1047.2525	1 set	3
	2000	1047.2520	1 set	3
	1600	1047.2516	1 set	3
	1250	1047.2512	1 set	3
	1000	1047.2510	1 set	3
	800	1047.2508	1 set	3

600D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
2300	2000	1047.2320	1 set	3
	1600	1047.2316	1 set	3
	1250	1047.2312	1 set	3
	1000	1047.2310	1 set	3
	800	1047.2308	1 pc.	3

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
1860	1600	1047.1816	1 set	3
	1250	1047.1812	1 set	3
	1000	1047.1810	1 set	3
	800	1047.1808	1 set	3

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
1620	1600	1047.1616	1 set	3
	1250	1047.1612	1 set	3
	1000	1047.1610	1 set	3
	800	1047.1608	1 set	3

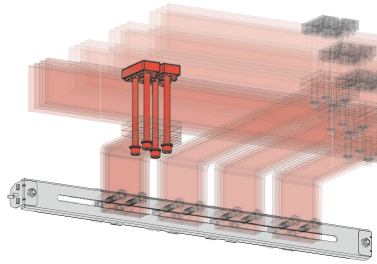
MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (L1, L2, L3)
1350	1250	1047.1312	1 set	3
	1000	1047.1310	1 set	3
	800	1047.1308	1 set	3

! Note : The connection kit used in the ACB(TOP) or COUPLING module must be selected according to the ACB and the main busbar.



■ 5.2 ACB MAIN BUSBAR CONNECTION KIT (N,PEN)

■ 5.2.1 ACB MAIN BUSBAR CONNECTION (NEUTRAL 1/1 SECTION)



- 1 Set includes; 2 pcs. Flex Connect Part (M8 for 2 Flat Bar/M10 for 4 Flat Bar), Hexagon Socket Head Bolts(M8/M10), Hexagon Head Bolts(M8/M10), Assembly Parts

800D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
4000	4000	1047.4040	1 set	1
	3200	1047.4032	1 set	1
	2500	1047.4025	1 set	1
	2000	1047.4020	1 set	1
	1600	1047.4016	1 set	1
	1250	1047.4012	1 set	1
	1000	1047.4010	1 set	1
	800	1047.4008	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
3400	3200	1047.3432	1 set	1
	2500	1047.3425	1 set	1
	2000	1047.3420	1 set	1
	1600	1047.3416	1 set	1
	1250	1047.3412	1 set	1
	1000	1047.3410	1 set	1
	800	1047.3408	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
3000	2500	1047.3025	1 set	1
	2000	1047.3020	1 set	1
	1600	1047.3016	1 set	1
	1250	1047.3012	1 set	1
	1000	1047.3010	1 set	1
	800	1047.3008	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
2500	2500	1047.2525	1 set	1
	2000	1047.2520	1 set	1
	1600	1047.2516	1 set	1
	1250	1047.2512	1 set	1
	1000	1047.2510	1 set	1
	800	1047.2508	1 set	1

600D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
2300	2000	1047.2320	1 set	1
	1600	1047.2316	1 set	1
	1250	1047.2312	1 set	1
	1000	1047.2310	1 set	1
	800	1047.2308	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1860	1600	1047.1816	1 set	1
	1250	1047.1812	1 set	1
	1000	1047.1810	1 set	1
	800	1047.1808	1 set	1

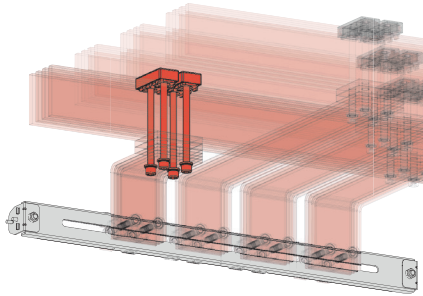
MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1620	1600	1047.1616	1 set	1
	1250	1047.1612	1 set	1
	1000	1047.1610	1 set	1
	800	1047.1608	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1350	1250	1047.1312	1 set	1
	1000	1047.1310	1 set	1
	800	1047.1308	1 set	1

! Note : The connection kit used in the ACB(TOP) or COUPLING module must be selected according to the ACB and the main busbar.



■ 5.2.2 ACB MAIN BUSBAR CONNECTION (NEUTRAL 1/2 SECTION)



- 1 Set includes; 2 pcs. Flex Connect Part (M8 for 2 Flat Bar/M10 for 4 Flat Bar), Hexagon Socket Head Bolts(M8/M10), Hexagon Head Bolts w(M8/M10), Assembly Parts

800D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
4000	4000	1048.4040	1 set	1
	3200	1048.4032	1 set	1
	2500	1048.4025	1 set	1
	2000	1048.4020	1 set	1
	1600	1048.4016	1 set	1
	1250	1048.4012	1 set	1
	1000	1048.4010	1 set	1
	800	1048.4008	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
3400	3200	1048.3432	1 set	1
	2500	1048.3425	1 set	1
	2000	1048.3420	1 set	1
	1600	1048.3416	1 set	1
	1250	1048.3412	1 set	1
	1000	1048.3410	1 set	1
	800	1048.3408	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
3000	2500	1048.3025	1 set	1
	2000	1048.3020	1 set	1
	1600	1048.3016	1 set	1
	1250	1048.3012	1 set	1
	1000	1048.3010	1 set	1
	800	1048.3008	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
2500	2500	1048.2525	1 set	1
	2000	1048.2520	1 set	1
	1600	1048.2516	1 set	1
	1250	1048.2512	1 set	1
	1000	1048.2510	1 set	1
	800	1048.2508	1 set	1

600D

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
2300	2000	1048.2320	1 set	1
	1600	1048.2316	1 set	1
	1250	1048.2312	1 set	1
	1000	1048.2310	1 set	1
	800	1048.2308	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1860	1600	1048.1816	1 set	1
	1250	1048.1812	1 set	1
	1000	1048.1810	1 set	1
	800	1048.1808	1 set	1

MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1620	1600	1048.1616	1 set	1
	1250	1048.1612	1 set	1
	1000	1048.1610	1 set	1
	800	1048.1608	1 set	1

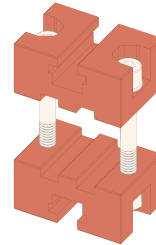
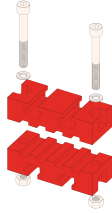
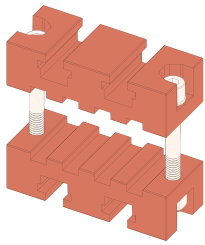
MAIN BUSBAR (A)	ACB (A)	REF. NO.	PACKAGE QTY. (set)	REQUIRED QTY. (set) (NEUTRAL)
1350	1250	1048.1312	1 set	1
	1000	1048.1310	1 set	1
	800	1048.1308	1 set	1

! Note : The connection kit used in the ACB(TOP) or COUPLING module must be selected according to the ACB and the main busbar.



■ 5.3 ACB MAIN BUSBAR CONNECTION (Mid/Coupling)

■ 5.3.1 ACB MAIN BUSBAR CONNECTION (MID/COUPLING),(L1,L2,L3,NEUTRAL 1/1 SECTION)



MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
4000	630	1043.4080	4
	800	1043.4080	4
	1000	1043.4080	4
	1250	1043.4080	4
	1600	1043.4080	4
	2000	1043.4080	8
	2500	1043.4080	8
	3200	1043.4080	8
	4000	1043.4080	8

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
3400	630	1043.4060	4
	800	1043.4060	4
	1000	1043.4060	4
	1250	1043.4060	4
	1600	1043.4060	4
	2000	1043.4060	8
	2500	1043.4060	8
	3200	1043.4060	8

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
3000	630	1043.4050	4
	800	1043.4050	4
	1000	1043.4050	4
	1250	1043.4050	4
	1600	1043.4050	4
	2000	1043.4050	8
	2500	1043.4050	8

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
2500	630	1043.4040	4
	800	1043.4040	4
	1000	1043.4040	4
	1250	1043.4040	4
	1600	1043.4040	4
	2000	1043.4040	8
	2500	1043.4040	8

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
2300	630	1043.2080	4
	800	1043.2080	4
	1000	1043.2080	4
	1250	1043.2080	4
	1600	1043.2080	4
	2000	1043.2080	8

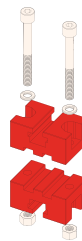
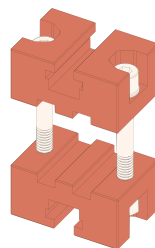
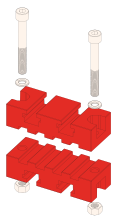
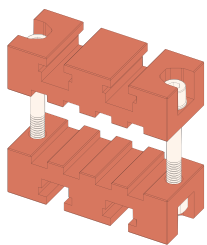
MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
1860	630	1043.2060	4
	800	1043.2060	4
	1000	1043.2060	4
	1250	1043.2060	4
	1600	1043.2060	4

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
1620	630	1043.2050	4
	800	1043.2050	4
	1000	1043.2050	4
	1250	1043.2050	4
	1600	1043.2050	4

MAIN BUSBAR (A)	ACB MCCB(VER) (A)	REF. NO.	REQUIRED QTY.(set) (L1,L2,L3,N)
1350	630	1043.2040	4
	800	1043.2040	4
	1000	1043.2040	4
	1250	1043.2040	4



■ 5.3.2 ACB MAIN BUSBAR CONNECTION (MID/COUPLING),(L1,L2,L3,NEUTRAL 1/2 SECTION)



MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
4000	630	1043.4080	3	1043.2080	1
	800	1043.4080	3	1043.2080	1
	1000	1043.4080	3	1043.2080	1
	1250	1043.4080	3	1043.2080	1
	1600	1043.4080	3	1043.2080	1
	2000	1043.4080	6	1043.2080	2
	2500	1043.4080	6	1043.2080	2
	3200	1043.4080	6	1043.2080	2
4000	4000	1043.4080	6	1043.2080	2

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
3400	630	1043.4060	3	1043.2060	1
	800	1043.4060	3	1043.2060	1
	1000	1043.4060	3	1043.2060	1
	1250	1043.4060	3	1043.2060	1
	1600	1043.4060	3	1043.2060	1
	2000	1043.4060	6	1043.2060	2
	2500	1043.4060	6	1043.2060	2
	3200	1043.4060	6	1043.2060	2

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
3000	630	1043.4050	3	1043.2050	1
	800	1043.4050	3	1043.2050	1
	1000	1043.4050	3	1043.2050	1
	1250	1043.4050	3	1043.2050	1
	1600	1043.4050	3	1043.2050	1
	2000	1043.4050	6	1043.2050	2
3000	2500	1043.4050	6	1043.2050	2

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
2500	630	1043.4040	3	1043.2040	1
	800	1043.4040	3	1043.2040	1
	1000	1043.4040	3	1043.2040	1
	1250	1043.4040	3	1043.2040	1
	1600	1043.4040	3	1043.2040	1
	2000	1043.4040	6	1043.2040	2
	2500	1043.4040	6	1043.2040	2

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
2300	630	1043.2080	3	1043.2040	1
	800	1043.2080	3	1043.2040	1
	1000	1043.2080	3	1043.2040	1
	1250	1043.2080	3	1043.2040	1
	1600	1043.2080	3	1043.2040	1
	2000	1043.2080	6	1043.2040	2

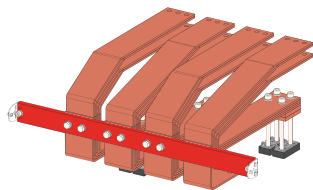
MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
1860	630	1043.2060	3	1043.2060	1
	800	1043.2060	3	1043.2060	1
	1000	1043.2060	3	1043.2060	1
	1250	1043.2060	3	1043.2060	1
1860	1600	1043.2060	3	1043.2060	1

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
1620	630	1043.2050	3	1043.2050	1
	800	1043.2050	3	1043.2050	1
	1000	1043.2050	3	1043.2050	1
	1250	1043.2050	3	1043.2050	1
	1600	1043.2050	3	1043.2050	1

MAIN BUSBAR (A)	ACB MCCB (VER) (A)	REF. NO. L1/L2/L3	REQUIRED QTY. (set)	REF. NO. (NEUTRAL 1/2)	REQUIRED QTY. (set)
1350	630	1043.2040	3	1043.2040	1
	800	1043.2040	3	1043.2040	1
	1000	1043.2040	3	1043.2040	1
	1250	1043.2040	3	1043.2040	1



■ 5.4 ACB/MCCB(VER) BAR SUPPORT RAIL(COMPOSITE)

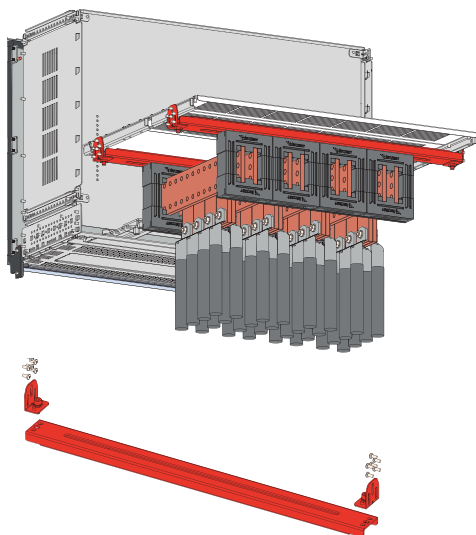


WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
600	1031.0600	1	1
800	1031.0800	1	1

- Quantites are for each ACB Bar Support Rail.
- **Required** quantity depends on position of the **ACB Cassette**.
ACB Bars have to supported every **250mm**.

6. CABLING CONNECTION

6.1 ACB CABLING RAIL KIT

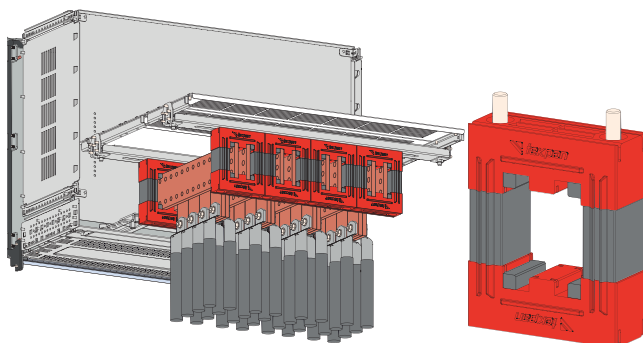


WIDTH(W)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
600	1031.620	2 pcs.	2
800	1031.820	2 pcs.	2

- 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.

6.2 ACB CABLING BAR HOLDERS

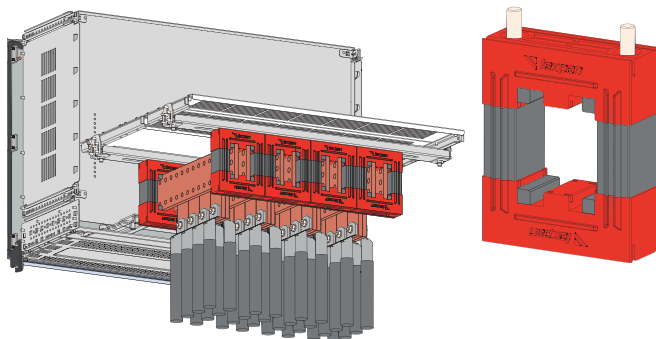
6.2.1 ACB CABLING BAR HOLDER (L1,L2,L3)



REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)	
		800A-1600A	2000A-4000A
1009.012	6 pcs.	12	-
1009.013	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.

6.2.2 ACB CABLING BAR HOLDER (N,PEN)



REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)	
		800A-1600A	2000A-4000A
1009.002	2 pcs.	4	-
1009.003	2 pcs.	-	4

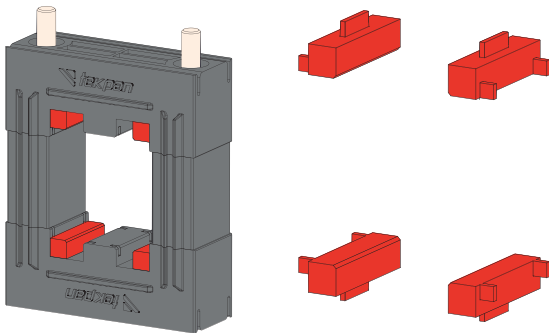
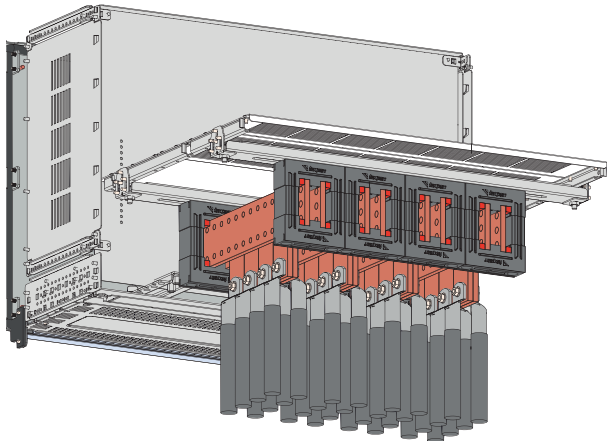
- For Ref.No quantity = Required Qty. / Package Qty.
- If your required quantity is less than package quantity; please select the Reference no with suitable package quantity.

- N,PEN bar size equal to L1, L2, L3 sizes for 2500A to 800A bars for easy cabling. (1/2 selection warning)



6.3 ACB CABLING BAR HOLDER ADAPTER

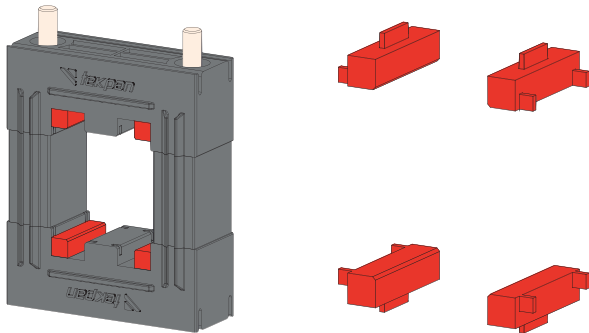
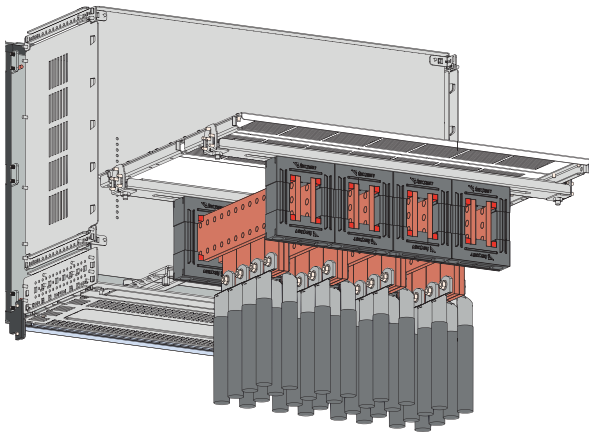
6.3.1 ACB CABLING BAR HOLDER ADAPTER (L1,L2,L3)



ACB (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
2000	1019.011	24 pcs.	24
2500	1019.011	24 pcs.	24

- 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.

6.3.2 ACB CABLING BAR HOLDER ADAPTER (N,PEN)

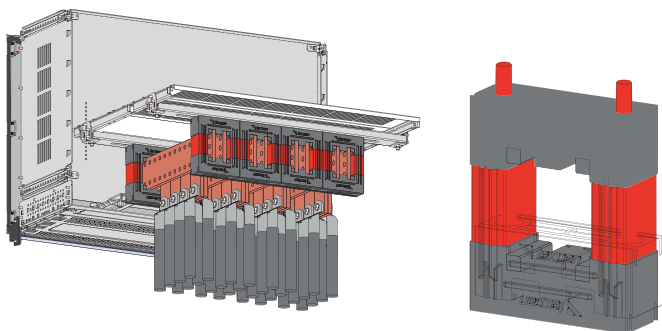


ACB (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
1600	1019.001	4 pcs.	8
1250	1019.001	4 pcs.	8

- 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.
- N,PEN bar size equal to L1, L2, L3 sizes for 2500A to 800A bars for easy cabling. (1/2 selection warning)

■ 6.4 ACB CABLING BAR HEIGHTS

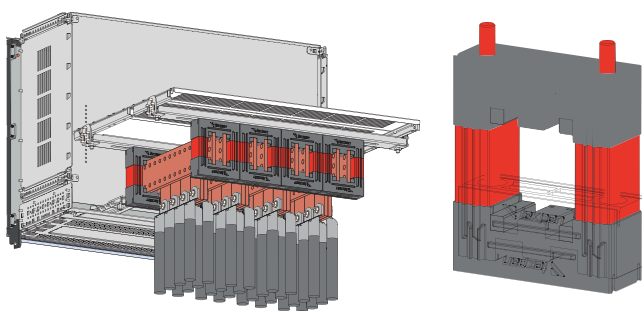
■ 6.4.1 ACB CABLING BAR HEIGHT (L1,L2,L3)



ACB (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
4000	1011.110	6 pcs.	12
3200	1011.108	6 pcs.	12
2500	1011.108	6 pcs.	12
2000	1011.108	6 pcs.	12
1600	1011.108	6 pcs.	12
1250	1011.108	6 pcs.	12
1000	1011.108	6 pcs.	12
800	1011.108	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.

■ 6.4.2 ACB CABLING BAR HEIGHT (N,PEN)

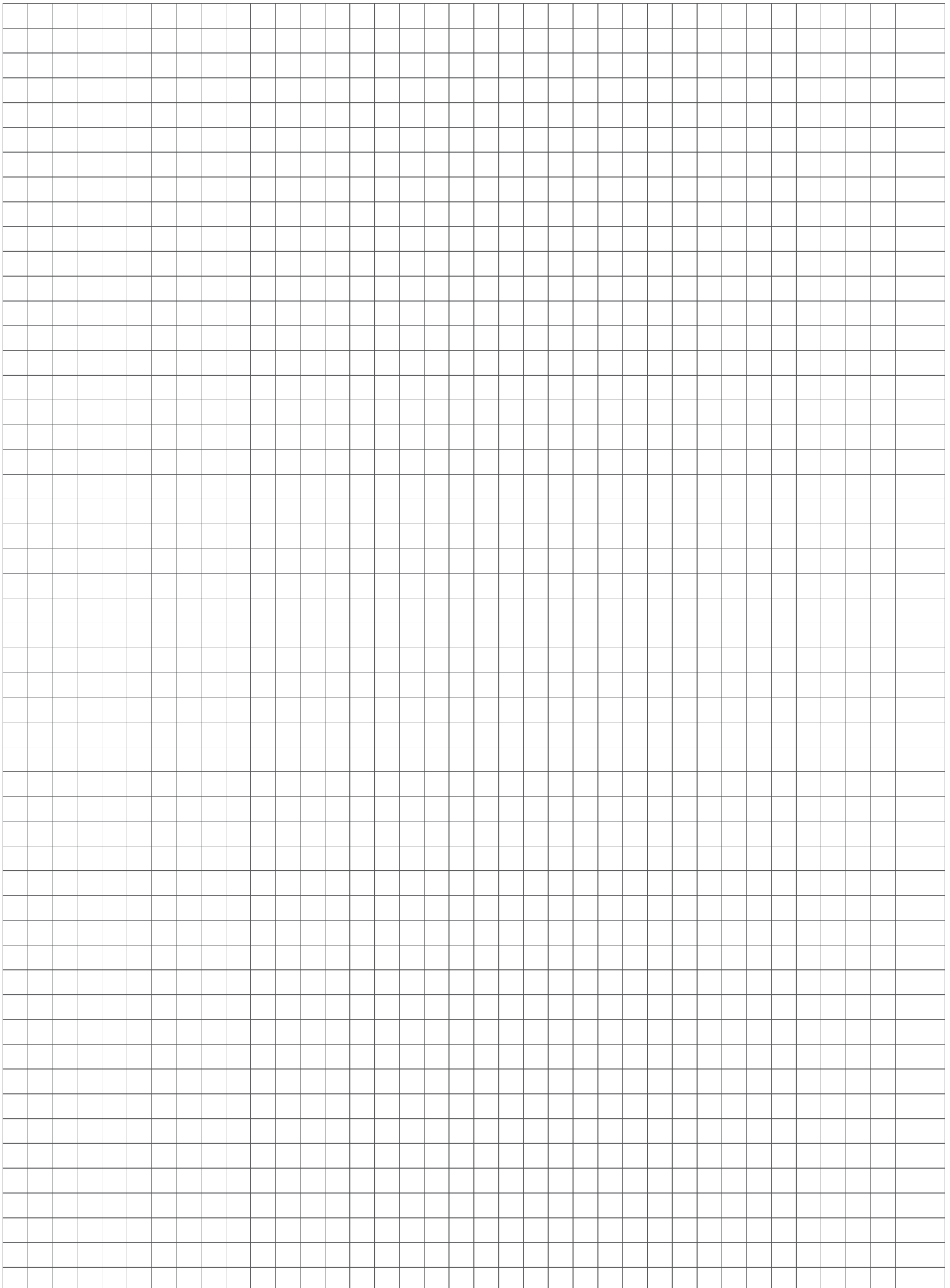


ACB (A)	REF. NO.	PACKAGE QTY. (pcs)	REQUIRED QTY. (pcs.)
4000	1011.010	2 pcs.	4
3200	1011.008	2 pcs.	4
2500	1011.008	2 pcs.	4
1600	1011.008	2 pcs.	4
1250	1011.008	2 pcs.	4
1000	1011.008	2 pcs.	4
800	1011.008	2 pcs.	4

- **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.
- **N,PEN** bar size equal to **L1, L2, L3** sizes for **2500A** to **800A** bars for easy cabling. (1/2 selection warning)

[illegible]

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.





PDS
UPGRADE THE POWER