

B4.1

BUSBAR DIMENSIONS

KYT-070
11/2021

 Update Notes

■ Contents

Tools&Equipment Informations

Tool Symbol Guide.....	4
Torque Table.....	5
Screw/Bolt/Special Parts for Assembly.....	6

1 Main Busbar Coppers Dimensions

1.1 Main Busbar Dimensions (Top).....	8
1.2 Main Busbar Dimensions (Mid).....	9

2 Group Baying Bar Dimensions

2.1 Main Busbar Connection Hole Dimensions.....	10
2.2 Main Busbar Connection Dimension (Mid).....	11
2.3 Group Baying Bar.....	12

3 Convert-Distribution Bar Dimensions

3.1 Convert-Distribtuion Connection Bars.....	13
3.2 Convert Bar Dimensions (600D).....	14
3.3 Convert Bar Dimensions (800D).....	15
3.4 Distribution Bar.....	16
3.4.1 Distribution Bar (Main Busbar 4000A).....	17
3.4.2 Distribution Bar (Main Busbar 3400A).....	18
3.4.3 Distribution Bar (Main Busbar 3000A).....	19
3.4.4 Distribution Bar (Main Busbar 2500A).....	20
3.4.5 Distribution Bar (Main Busbar 2300A).....	21
3.4.6 Distribution Bar (Main Busbar 1860A).....	22
3.4.7 Distribution Bar (Main Busbar 1620A).....	23
3.4.8 Distribution Bar (Main Busbar 1350A).....	24

4 MCC Copper Bar Dimensions

4.1 MCC-Main Busbar Connection.....	25
4.2 MCC Distribution Bar (600D).....	26
4.3 MCC Distribution Bar (800D).....	27

5 Cabling Module Neutral Copper Bar Dimensions

5.1 Cabling Module Neutral Connection (5mm Copper).....	28
5.2 Cabling Module Neutral Connection (10mm Copper).....	29
5.3 Cabling Module Neutral Bar.....	30

6 Cabling Module PE Copper Bar Dimensions.....31

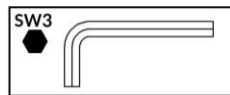
 Tools Symbol Guide



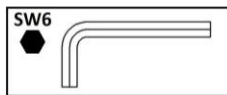
Cross



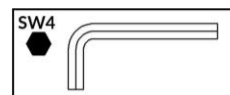
Slot



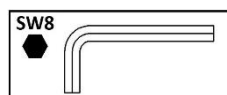
M4 Allen Key



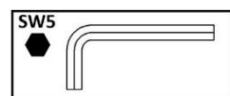
M8 Allen Key



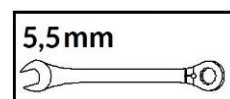
M5 Allen Key



M10 Allen Key



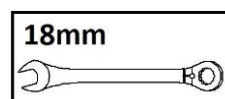
M6 Allen Key



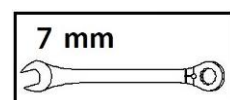
M3 Spanner



M6 Spanner



M12 Spanner



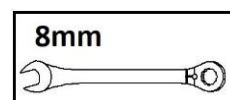
M4 Spanner



M8 Spanner



M18 Spanner



M5 Spanner



M10 Spanner

Caution: For safety precaution ; Protective gloves and equipments must be used while assembly.

As additional tools for assembly;

- Torque wrench features:
 - ✓ Tightening torque : 75 N.m
 - ✓ It has a reduced thickness, can be easily used to access non accessible joints/fishplates and between busbars.
- Torque wrench an accessories:
 - ✓ Wrench shaft - mandatory
 - ✓ Extra-thin pawl adapter - mandatory
 - ✓ Pawl for ordinary sockets
- Extra-thin sockets for pawl + shaft:
 - ✓ 13 mm extra-thin low socket
 - ✓ 13 mm extra-thin high socket
 - ✓ 15 mm extra-thin low socket
 - ✓ 15 mm extra-thin high socket
 - ✓ 18 mm extra-thin low socket
 - ✓ 18 mm extra-thin high socket

■ Torque Table for Screw/Bolt

Recommended tightening torque for mechanical and electrical links 8.8-class screws (with nut + washers)	
Diameter of Screw	Tightening Torque (N.m)
M3	1.5
M4	3.5
M5	7
M6	13
M8	28
M10	50
M12	75

Tightening torque for electrical links on the devices and for their fixing:

Marking varnish:

After tightening each electrical connection to the appropriate torque, apply some varnish:

- ✓ Between the nut and the screw or
- ✓ Between the screw head and the copper bar or
- ✓ Between the device for tightening on a threaded part

Varnish should not block the screw:

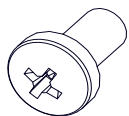
- ✓ It allows operator inspection, to verify if the bolts/ nut are tightened or not.
- ✓ It facilitates the identification of any loose nuts during the switchboard's lifetime.

Varnish features:

- ✓ Coloured acrylic varnish, indelible and able to resist a 150° C temperature.
- ✓ PDS recommends a red varnish as a standard to identify the panelbuilder's work.
- ✓ Other colours can be used by the contractor or any operators entitled to work on the switchboard after its commissioning.

■ Screw/Bolt/Special Parts for Assembly

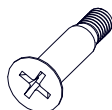
Philips Pan
Head Screw



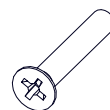
M6x23 Philips Flat
Head Screw (Teos)



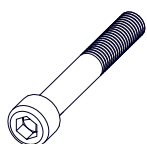
M5x20 Philips Flat
Head Screw (Teos)



Philips Flat Head
Screw



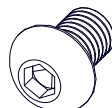
Hexagon Socket Head
Bolt (Half Thread)



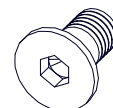
Hexagon Socket
Head Bolt



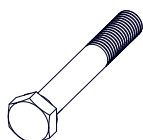
Hexagon Socket
Button Head Bolt



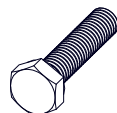
Hexagon Socket
Flat Head Bolt



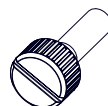
Hexagon Head Bolt
(Half Tread)



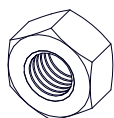
Hexagon Head
Bolt



Internal Door
Knob Bolt



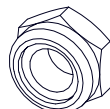
Regular Nut



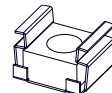
Flange Nut



Previling Torque
Nut



Cage Nut



Plastic Cage
Nut



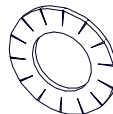
Flat Washer



Spring Lock
Washer



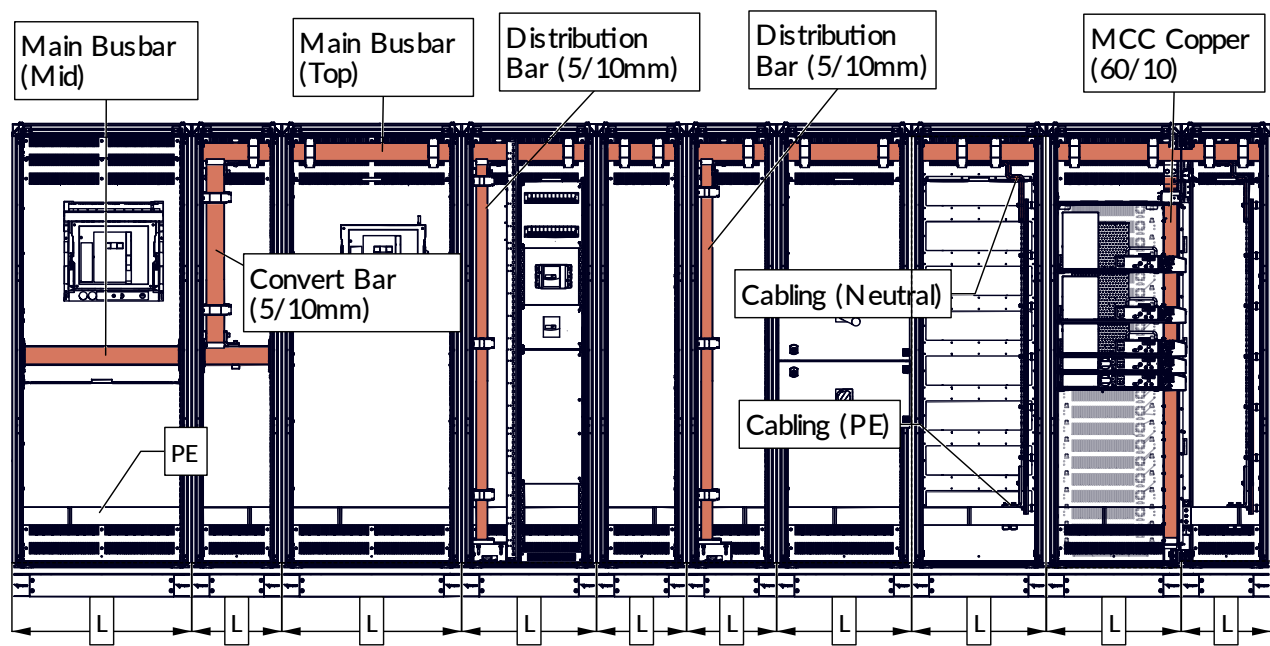
Toothed Lock
Washer



Wedge Lock
Washer



1. MAIN BUSBAR DIMENSIONS



■ 1.1 MAIN BUSBAR DIMENSIONS (TOP)

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
800	4000A	80/10x4	802	80/10x4	802	80/10x2	802
	3400A	60/10x4	802	60/10x4	802	60/10x2	802
	3000A	50/10x4	802	50/10x4	802	50/10x2	802
	2500A	40/10x4	802	40/10x4	802	40/10x2	802
	2300A	80/10x2	802	80/10x2	802	40/10x2	802
	1860A	60/10x2	802	60/10x2	802	60/5x2	802
	1620A	50/10x2	802	50/10x2	802	50/5x2	802
	1350A	40/10x2	802	40/10x2	802	40/5x2	802

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
600	4000A	80/10x4	602	80/10x4	602	80/10x2	602
	3400A	60/10x4	602	60/10x4	602	60/10x2	602
	3000A	50/10x4	602	50/10x4	602	50/10x2	602
	2500A	40/10x4	602	40/10x4	602	40/10x2	602
	2300A	80/10x2	602	80/10x2	602	40/10x2	602
	1860A	60/10x2	602	60/10x2	602	60/5x2	602
	1620A	50/10x2	602	50/10x2	602	50/5x2	602
	1350A	40/10x2	602	40/10x2	602	40/5x2	602

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
400	4000A	80/10x4	402	80/10x4	402	80/10x2	402
	3400A	60/10x4	402	60/10x4	402	60/10x2	402
	3000A	50/10x4	402	50/10x4	402	50/10x2	402
	2500A	40/10x4	402	40/10x4	402	40/10x2	402
	2300A	80/10x2	402	80/10x2	402	40/10x2	402
	1860A	60/10x2	402	60/10x2	402	60/5x2	402
	1620A	50/10x2	402	50/10x2	402	50/5x2	402
	1350A	40/10x2	402	40/10x2	402	40/5x2	402

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
300	4000A	80/10x4	302	80/10x4	302	80/10x2	302
	3400A	60/10x4	302	60/10x4	302	60/10x2	302
	3000A	50/10x4	302	50/10x4	302	50/10x2	302
	2500A	40/10x4	302	40/10x4	302	40/10x2	302
	2300A	80/10x2	302	80/10x2	302	40/10x2	302
	1860A	60/10x2	302	60/10x2	302	60/5x2	302
	1620A	50/10x2	302	50/10x2	302	50/5x2	302
	1350A	40/10x2	302	40/10x2	302	40/5x2	302

1.2 MAIN BUSBAR DIMENSIONS (MID)

Width(W)	Main Busbar(A)	PE(1/1)			PE(1/2)		
		N(1/1)	Copper Size	L(mm)	N(1/2)	Copper Size	L(mm)
800	4000A	80/10x4	80/10x2	802	80/10x2	40/10x2	802
	3400A	60/10x4	60/10x2	802	60/10x2	60/5x2	802
	3000A	50/10x4	50/10x2	802	50/10x2	50/5x2	802
	2500A	40/10x4	40/10x2	802	40/10x2	40/5x2	802
	2300A	80/10x2	40/10x2	802	40/10x2	40/5x2	802
	1860A	60/10x2	60/5x2	802	60/5x2	30/5x2	802
	1620A	50/10x2	50/5x2	802	50/5x2	25/5x2	802
	1350A	40/10x2	40/5x2	802	40/5x2	20/5x2	802

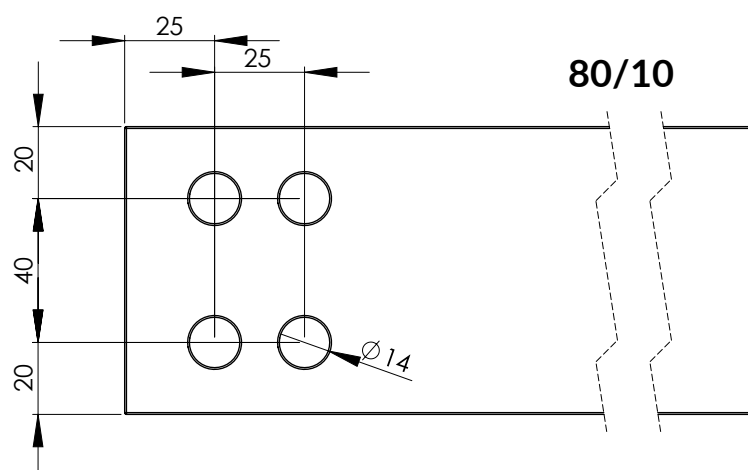
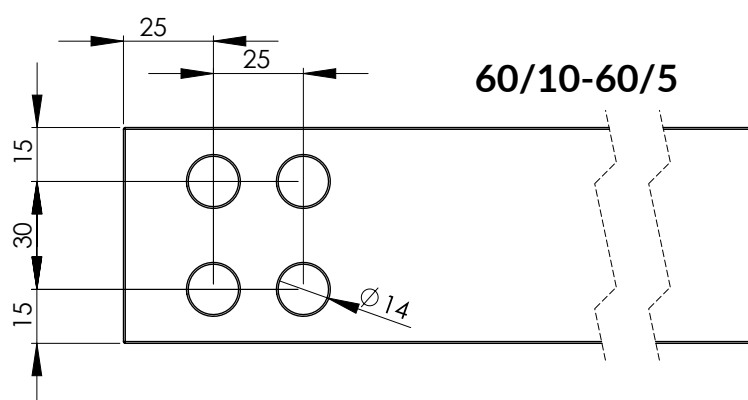
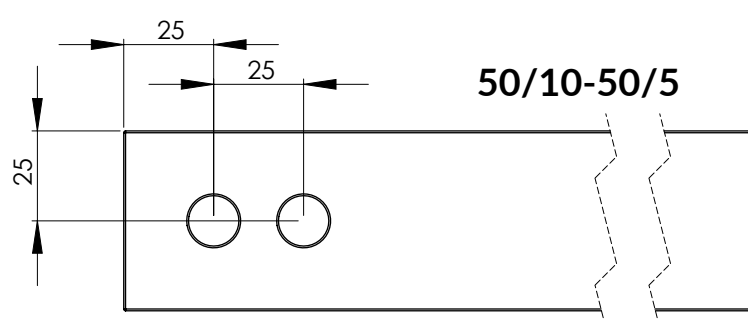
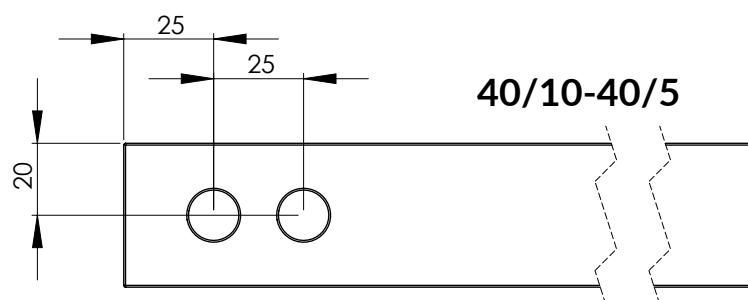
Width(W)	Main Busbar(A)	PE(1/1)			PE(1/2)		
		N(1/1)	Copper Size	L(mm)	N(1/2)	Copper Size	L(mm)
600	4000A	80/10x4	80/10x2	602	80/10x2	40/10x2	602
	3400A	60/10x4	60/10x2	602	60/10x2	60/5x2	602
	3000A	50/10x4	50/10x2	602	50/10x2	50/5x2	602
	2500A	40/10x4	40/10x2	602	40/10x2	40/5x2	602
	2300A	80/10x2	40/10x2	602	40/10x2	40/5x2	602
	1860A	60/10x2	60/5x2	602	60/5x2	30/5x2	602
	1620A	50/10x2	50/5x2	602	50/5x2	25/5x2	602
	1350A	40/10x2	40/5x2	602	40/5x2	20/5x2	602

Width(W)	Main Busbar(A)	PE(1/1)			PE(1/2)		
		N(1/1)	Copper Size	L(mm)	N(1/2)	Copper Size	L(mm)
400	4000A	80/10x4	80/10x2	402	80/10x2	40/10x2	402
	3400A	60/10x4	60/10x2	402	60/10x2	60/5x2	402
	3000A	50/10x4	50/10x2	402	50/10x2	50/5x2	402
	2500A	40/10x4	40/10x2	402	40/10x2	40/5x2	402
	2300A	80/10x2	40/10x2	402	40/10x2	40/5x2	402
	1860A	60/10x2	60/5x2	402	60/5x2	30/5x2	402
	1620A	50/10x2	50/5x2	402	50/5x2	25/5x2	402
	1350A	40/10x2	40/5x2	402	40/5x2	20/5x2	402

Width(W)	Main Busbar(A)	PE(1/1)			PE(1/2)		
		N(1/1)	Copper Size	L(mm)	N(1/2)	Copper Size	L(mm)
300	4000A	80/10x4	80/10x2	302	80/10x2	40/10x2	302
	3400A	60/10x4	60/10x2	302	60/10x2	60/5x2	302
	3000A	50/10x4	50/10x2	302	50/10x2	50/5x2	302
	2500A	40/10x4	40/10x2	302	40/10x2	40/5x2	302
	2300A	80/10x2	40/10x2	302	40/10x2	40/5x2	302
	1860A	60/10x2	60/5x2	302	60/5x2	30/5x2	302
	1620A	50/10x2	50/5x2	302	50/5x2	25/5x2	302
	1350A	40/10x2	40/5x2	302	40/5x2	20/5x2	302

2. GROUP BAYING BAR DIMENSIONS

2.1 MAIN BUSBAR CONNECTION HOLE DIMENSIONS



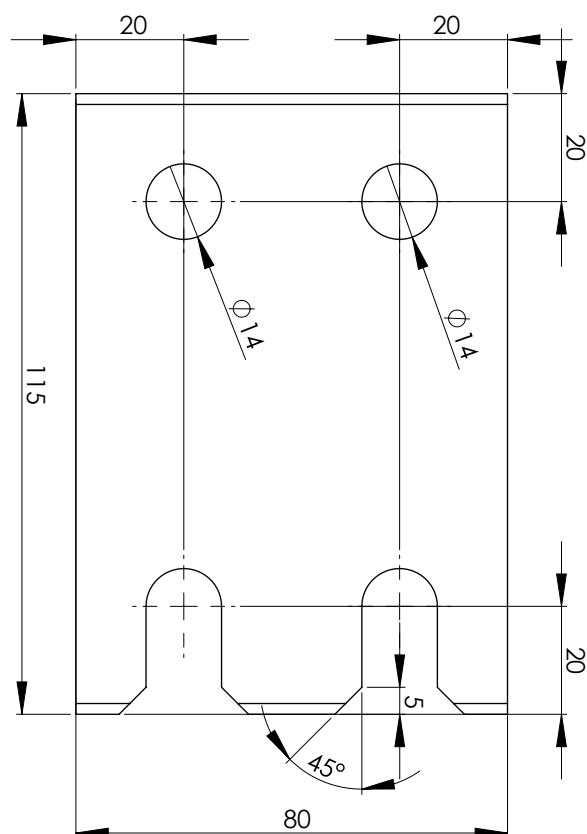
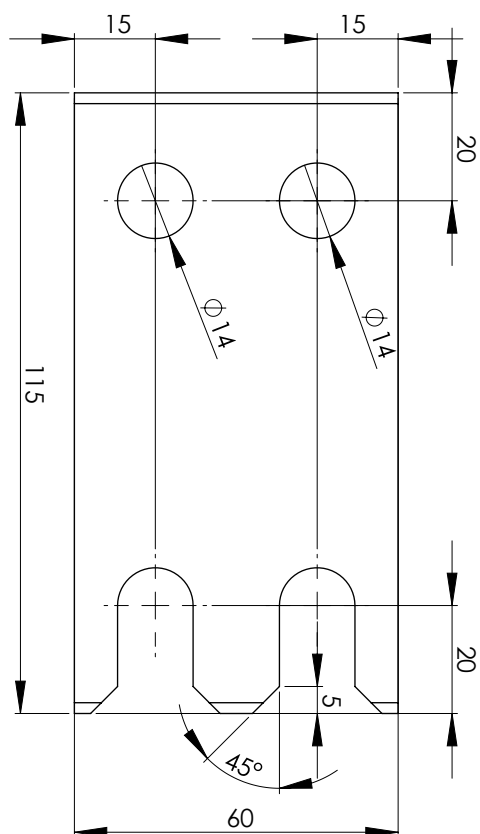
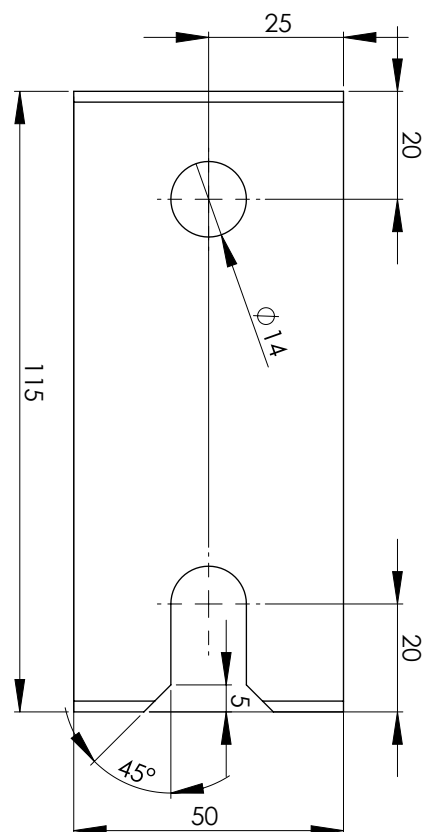
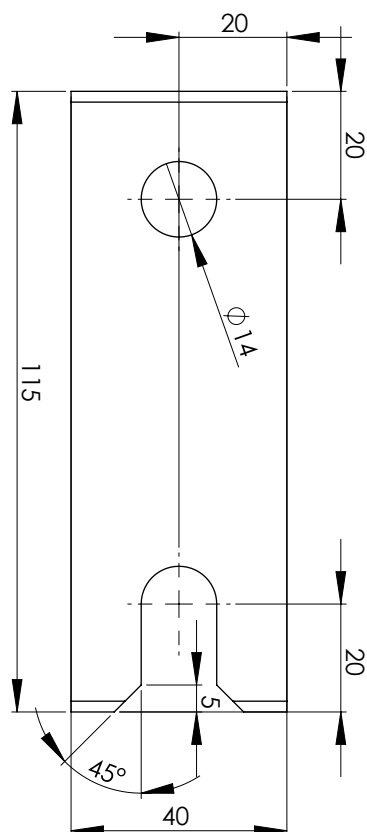
2.2 MAIN BUSBAR CONNECTION DIMENSIONS (MID)

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
800	4000A	80/10x4	952	80/10x4	952	80/10x2	952
	3400A	60/10x4	952	60/10x4	952	60/10x2	952
	3000A	50/10x4	952	50/10x4	952	50/10x2	952
	2500A	40/10x4	952	40/10x4	952	40/10x2	952
	2300A	80/10x2	952	80/10x2	952	40/10x2	952
	1860A	60/10x2	952	60/10x2	952	60/5x2	952
	1620A	50/10x2	952	50/10x2	952	50/5x2	952
	1350A	40/10x2	952	40/10x2	952	40/5x2	952

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
600	4000A	80/10x4	752	80/10x4	752	80/10x2	752
	3400A	60/10x4	752	60/10x4	752	60/10x2	752
	3000A	50/10x4	752	50/10x4	752	50/10x2	752
	2500A	40/10x4	752	40/10x4	752	40/10x2	752
	2300A	80/10x2	752	80/10x2	752	40/10x2	752
	1860A	60/10x2	752	60/10x2	752	60/5x2	752
	1620A	50/10x2	752	50/10x2	752	50/5x2	752
	1350A	40/10x2	752	40/10x2	752	40/5x2	752

Width(W)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
400	4000A	80/10x4	552	80/10x4	552	80/10x2	552
	3400A	60/10x4	552	60/10x4	552	60/10x2	552
	3000A	50/10x4	552	50/10x4	552	50/10x2	552
	2500A	40/10x4	552	40/10x4	552	40/10x2	552
	2300A	80/10x2	552	80/10x2	552	40/10x2	552
	1860A	60/10x2	552	60/10x2	552	60/5x2	552
	1620A	50/10x2	552	50/10x2	552	50/5x2	552
	1350A	40/10x2	552	40/10x2	552	40/5x2	552

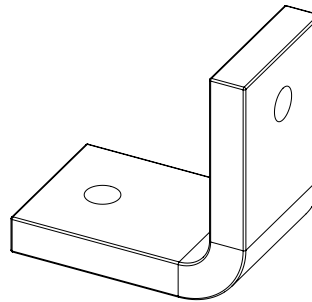
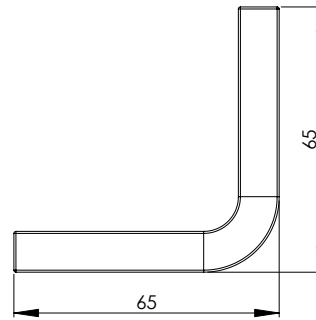
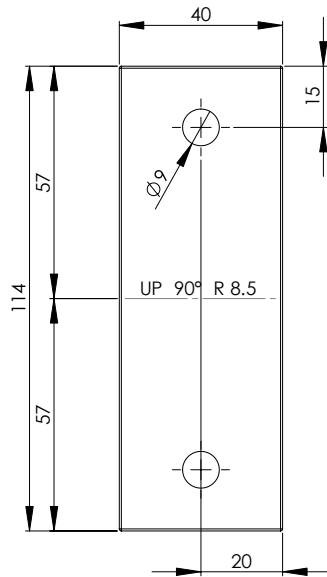
2.3 GROUP BAYING BAR



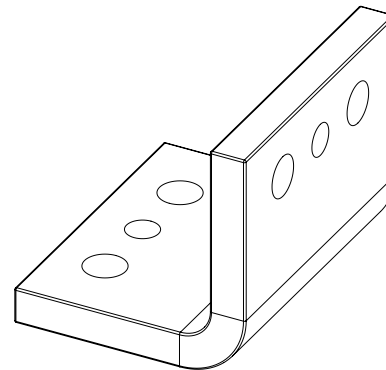
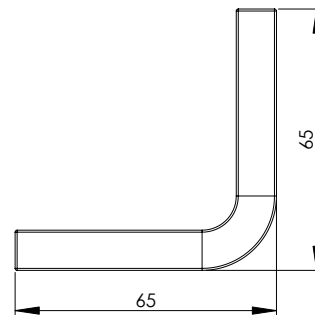
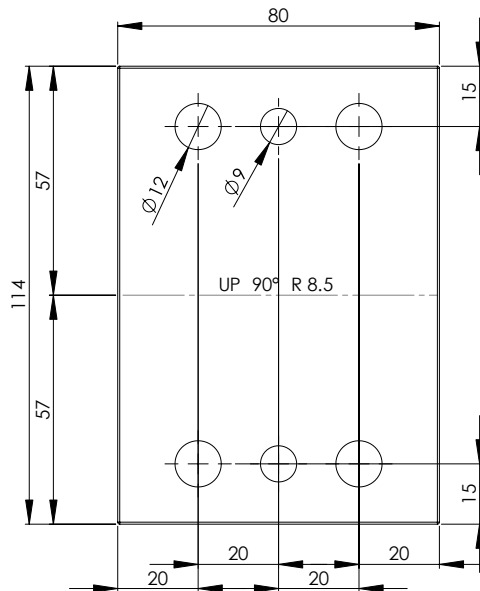
3. CONVERT-DISTRIBUTION BAR DIMENSIONS

3.1 CONVERT-DISTRIBUTION CONNECTION BARS

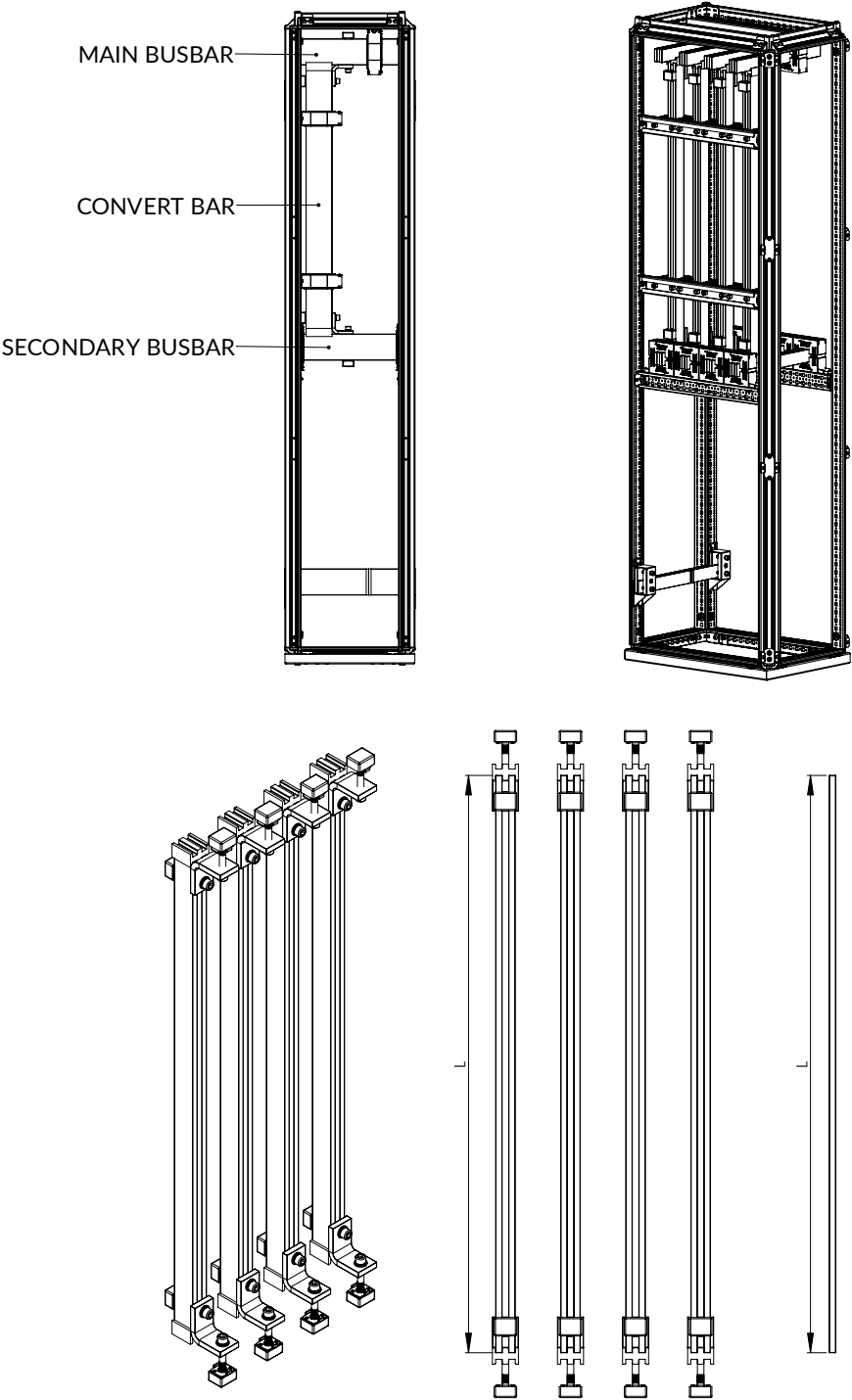
40/10



80/10

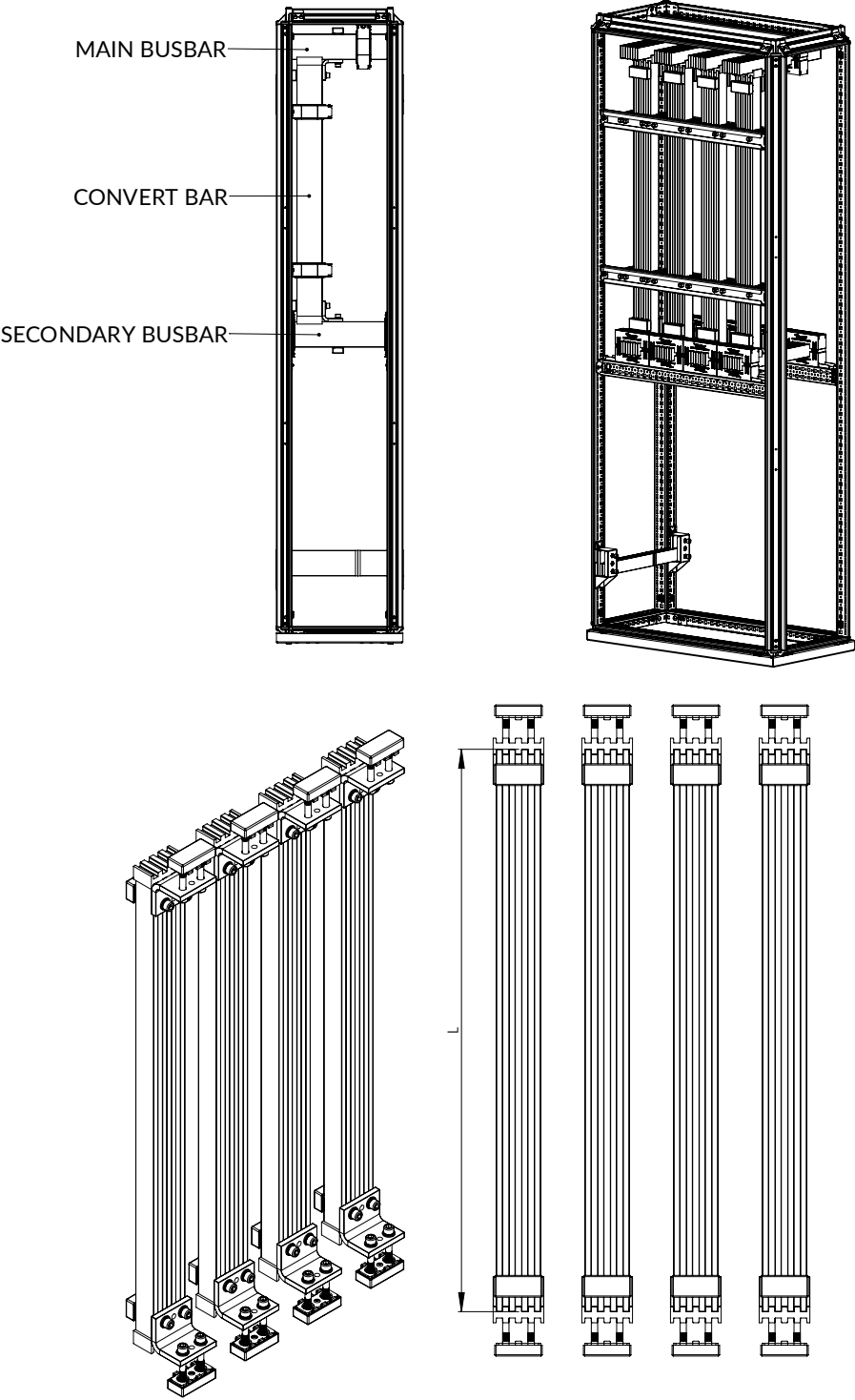


3.2 CONVERT BAR DIMENSIONS (600D)



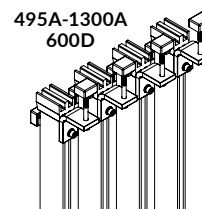
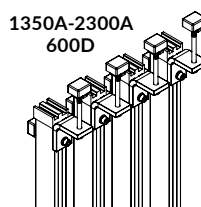
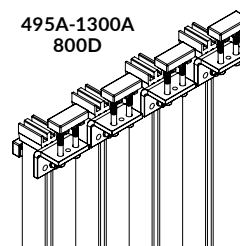
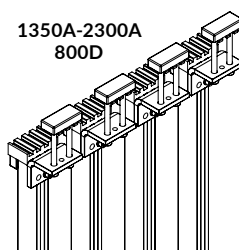
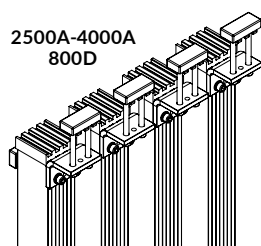
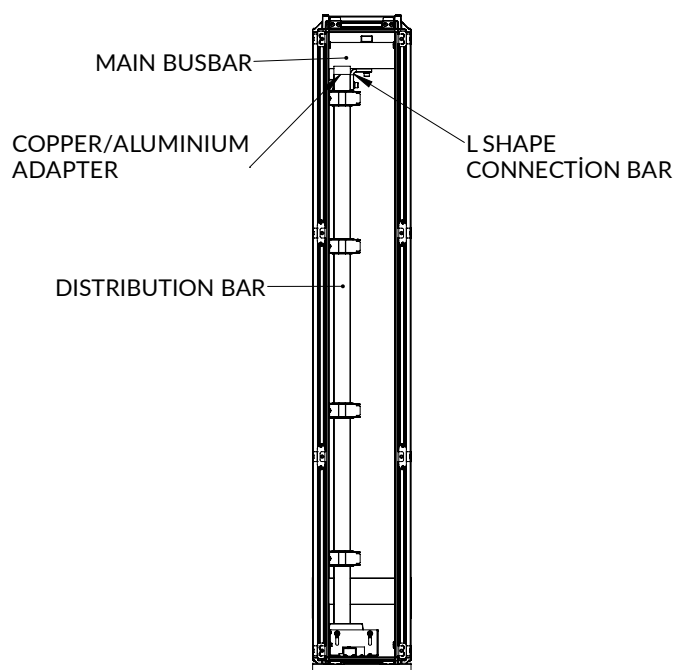
Depth(D)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
600D	2300A	80/10x2	807,4	80/10x2	807,4	40/10x2	887,4
	1860A	60/10x2	847,4	60/10x2	847,4	60/5x2	847,4
	1620A	50/10x2	867,4	50/10x2	867,4	50/5x2	867,4
	1350A	40/10x2	887,4	40/10x2	887,4	40/5x2	887,4

3.3 CONVERT BAR DIMENSIONS (800D)



Depth(D)	Main Busbar(A)	L1/L2/L3		N(1/1)		N(1/2)	
		Copper Size	L(mm)	Copper Size	L(mm)	Copper Size	L(mm)
800D	4000A	80/10x4	807,4	80/10x4	807,4	80/10x2	807,4
	3400A	60/10x4	847,4	60/10x4	847,4	60/10x2	847,4
	3000A	50/10x4	867,4	50/10x4	867,4	50/10x2	867,4
	2500A	40/10x4	887,4	40/10x4	887,4	40/10x2	887,4

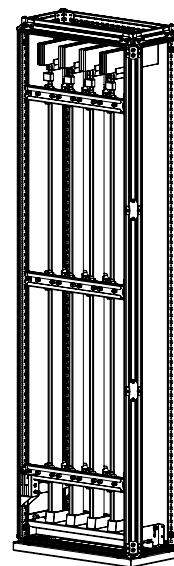
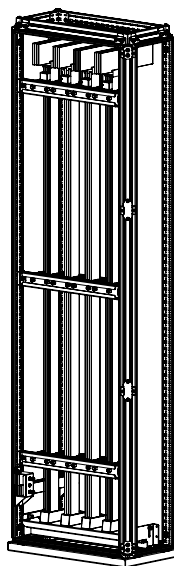
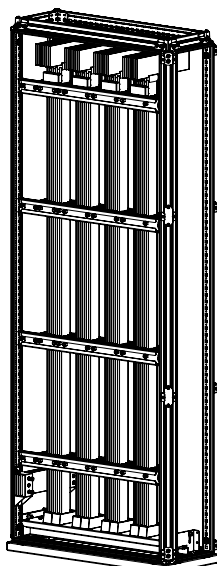
3.4 DISTRIBUTION BAR



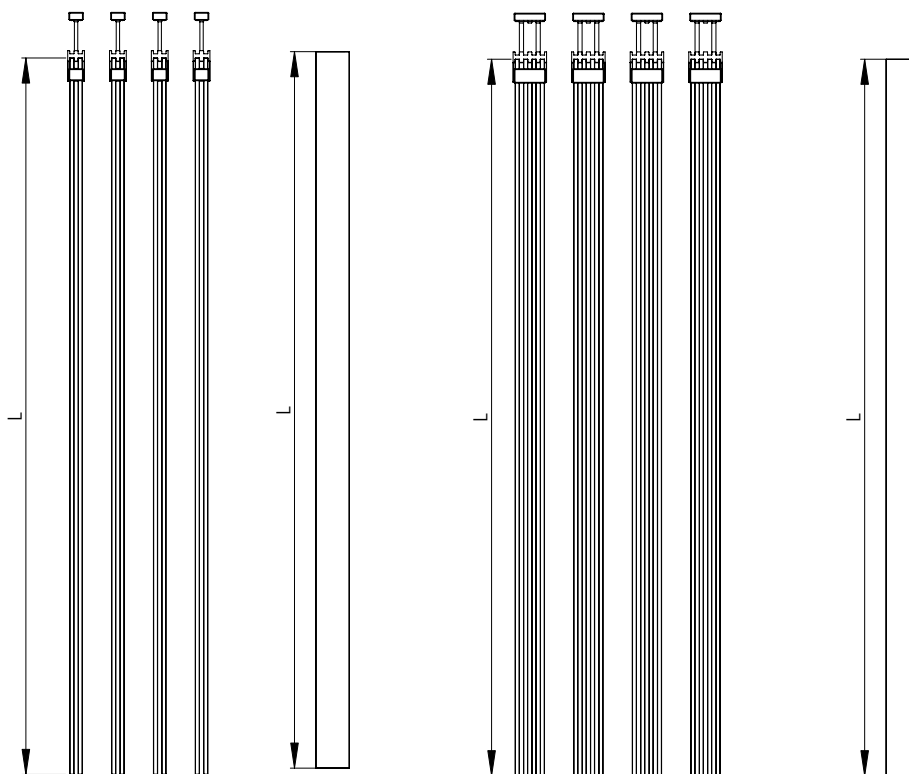
Main Busbar: 2500A-4000A
Distribution Bar: 495A-4000A

Main Busbar: 1350A-2300A
Distribution Bar: 495A-2300A

Main Busbar: 1350A-2300A
Distribution Bar: 495A-2300A



3.4.1 DISTRIBUTION BAR (Main Busbar 4000A)

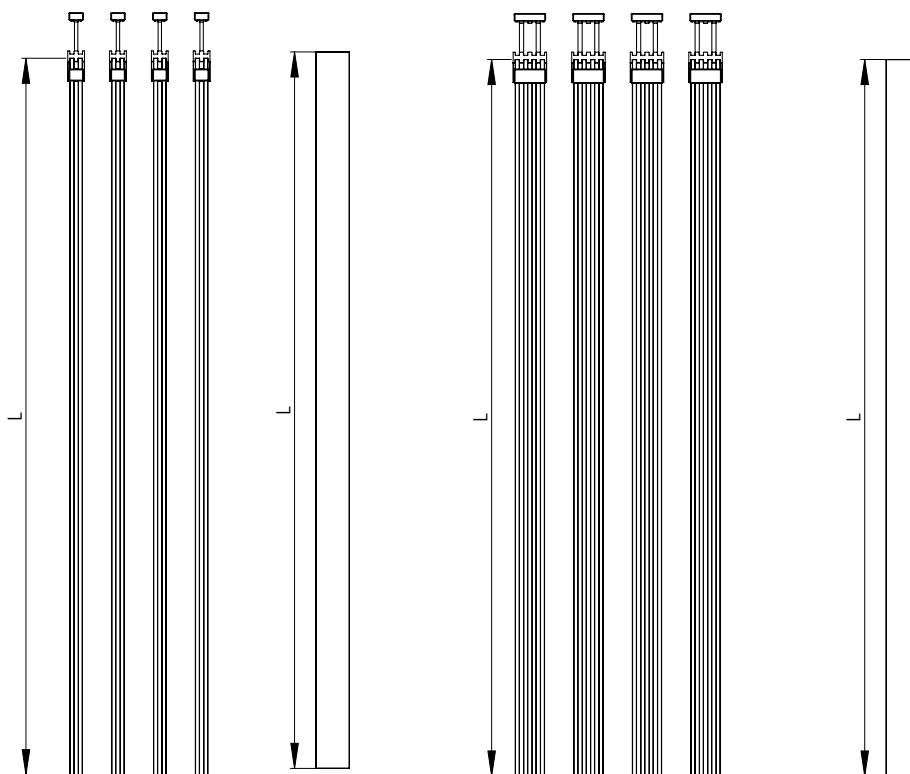


Main Busbar	Distribution(A)	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
4000A (80/10x4)	4000A	80/10x4	1713	80/10x4	1713
	3400A	60/10x4	1713	60/10x4	1713
	3000A	50/10x4	1713	50/10x4	1713
	2500A	40/10x4	1713	40/10x4	1713

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
4000A (80/10x4)	2300A	80/10x2	1713	80/10x2	1713
	1860A	60/10x2	1713	60/10x2	1713
	1620A	50/10x2	1713	50/10x2	1713
	1350A	40/10x2	1713	40/10x2	1713

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
4000A (80/10x4)	1300A	60/5x2	1713	60/5x2	1713
	1100A	50/5x2	1713	50/5x2	1713
	900A	40/5x2	1713	40/5x2	1713
	700A	30/5x2	1713	30/5x2	1713
	495A	20/5x2	1713	20/5x2	1713

3.4.2 DISTRIBUTION BAR (Main Busbar 3400A)

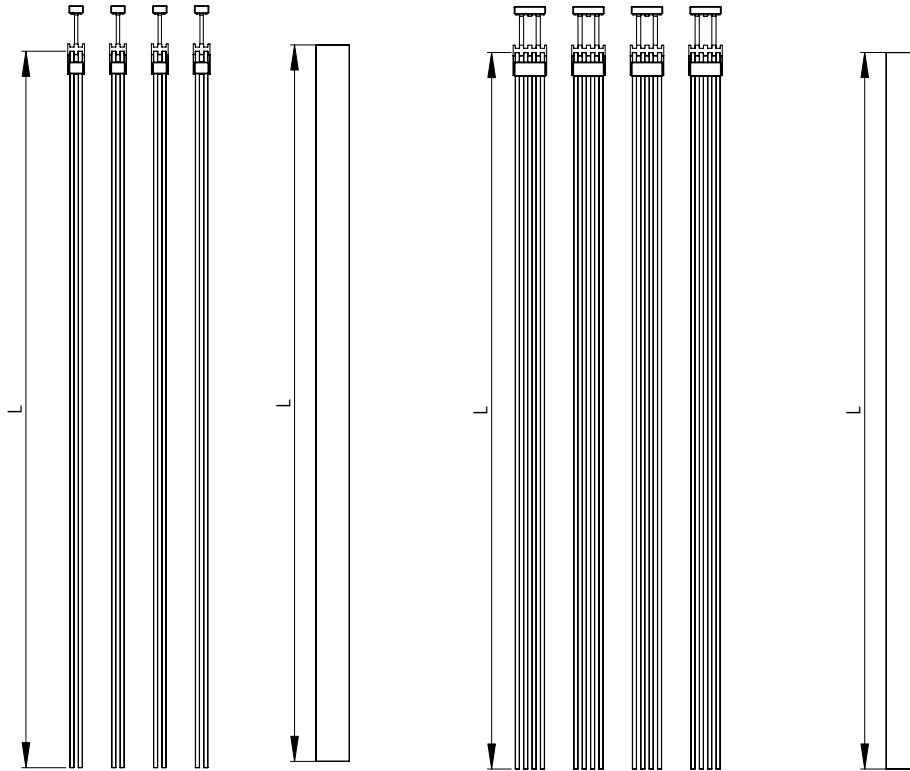


Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3400A (60/10x4)	3400A	60/10x4	1733	60/10x4	1733
	3000A	50/10x4	1733	50/10x4	1733
	2500A	40/10x4	1733	40/10x4	1733

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3400A (60/10x4)	2300A	80/10x2	1733	80/10x2	1733
	1860A	60/10x2	1733	60/10x2	1733
	1620A	50/10x2	1733	50/10x2	1733
	1350A	40/10x2	1733	40/10x2	1733

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3400A (60/10x4)	1300A	60/5x2	1733	60/5x2	1733
	1100A	50/5x2	1733	50/5x2	1733
	900A	40/5x2	1733	40/5x2	1733
	700A	30/5x2	1733	30/5x2	1733
	495A	20/5x2	1733	20/5x2	1733

3.4.3 DISTRIBUTION BAR (Main Busbar 3000A)

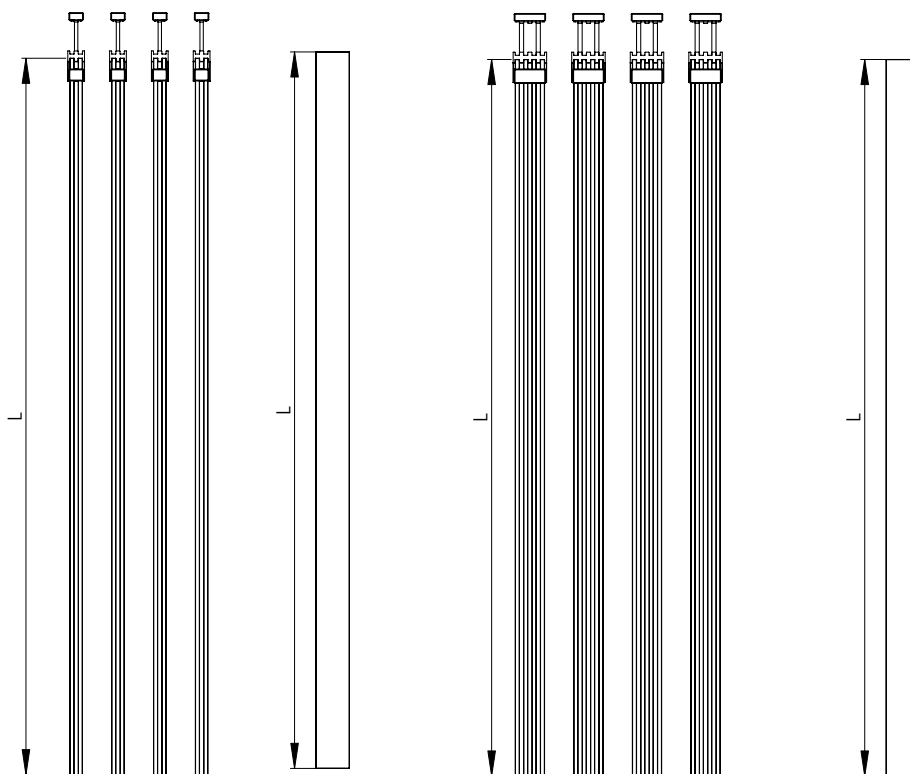


Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3000A (50/10x4)	3000A	50/10x4	1743	50/10x4	1743
	2500A	40/10x4	1743	40/10x4	1743

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3000A (50/10x4)	2300A	80/10x2	1743	80/10x2	1743
	1860A	60/10x2	1743	60/10x2	1743
	1620A	50/10x2	1743	50/10x2	1743
	1350A	40/10x2	1743	40/10x2	1743

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
3000A (50/10x4)	1300A	60/5x2	1743	60/5x2	1743
	1100A	50/5x2	1743	50/5x2	1743
	900A	40/5x2	1743	40/5x2	1743
	700A	30/5x2	1743	30/5x2	1743
	495A	20/5x2	1743	20/5x2	1743

3.4.4 DISTRIBUTION BAR (Main Busbar 2500A)

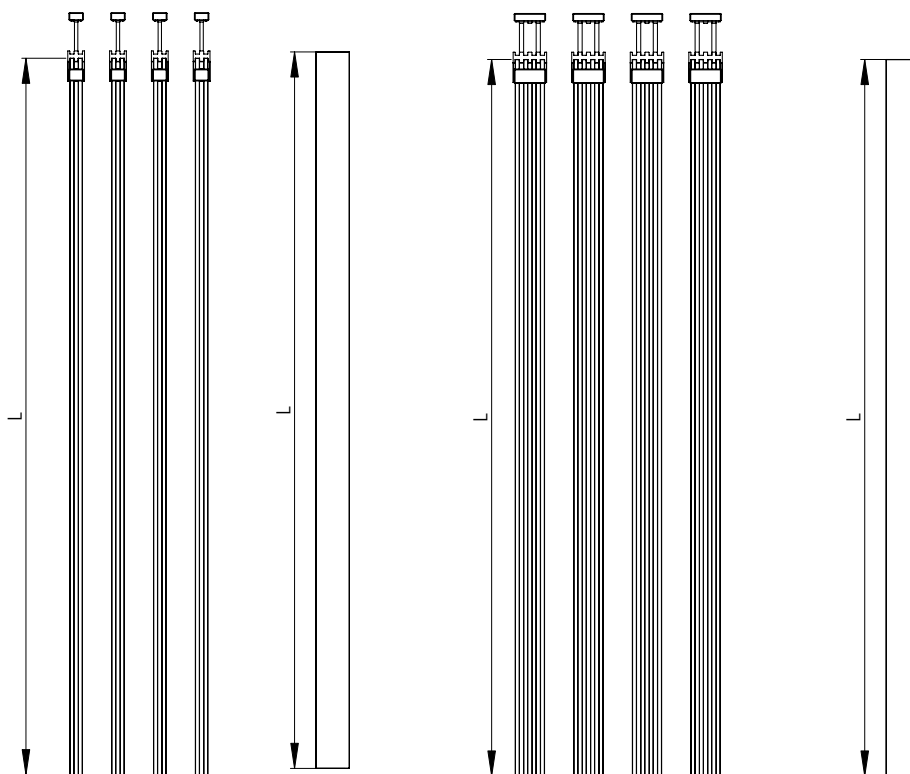


Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
2500A (40/10x4)	2500A	40/10x4	1753	40/10x4	1753

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
2500A (40/10x4)	2300A	80/10x2	1753	80/10x2	1753
	1860A	60/10x2	1753	60/10x2	1753
	1620A	50/10x2	1753	50/10x2	1753
	1350A	40/10x2	1753	40/10x2	1753

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
2500A (40/10x4)	1300A	60/5x2	1753	60/5x2	1753
	1100A	50/5x2	1753	50/5x2	1753
	900A	40/5x2	1753	40/5x2	1753
	700A	30/5x2	1753	30/5x2	1753
	495A	20/5x2	1753	20/5x2	1753

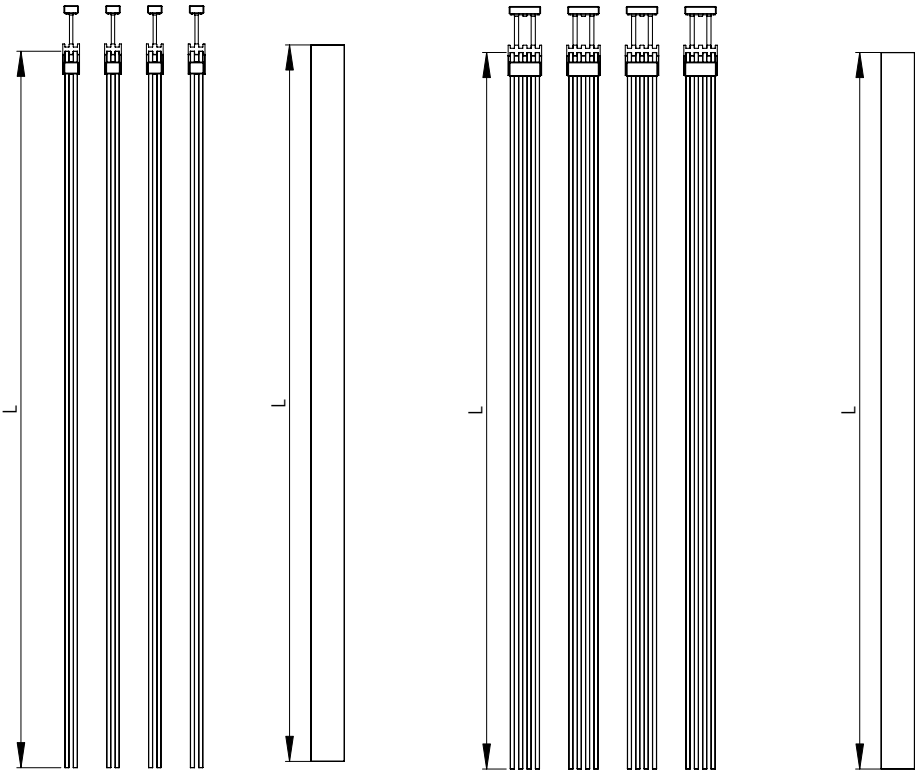
3.4.5 DISTRIBUTION BAR (Main Busbar 2300A)



Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
2300A (80/10x2)	2300A	80/10x2	1713	80/10x2	1713
	1860A	60/10x2	1713	60/10x2	1713
	1620A	50/10x2	1713	50/10x2	1713
	1350A	40/10x2	1713	40/10x2	1713

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
2300A (80/10x2)	1300A	60/5x2	1713	60/5x2	1713
	1100A	50/5x2	1713	50/5x2	1713
	900A	40/5x2	1713	40/5x2	1713
	700A	30/5x2	1713	30/5x2	1713
	495A	20/5x2	1713	20/5x2	1713

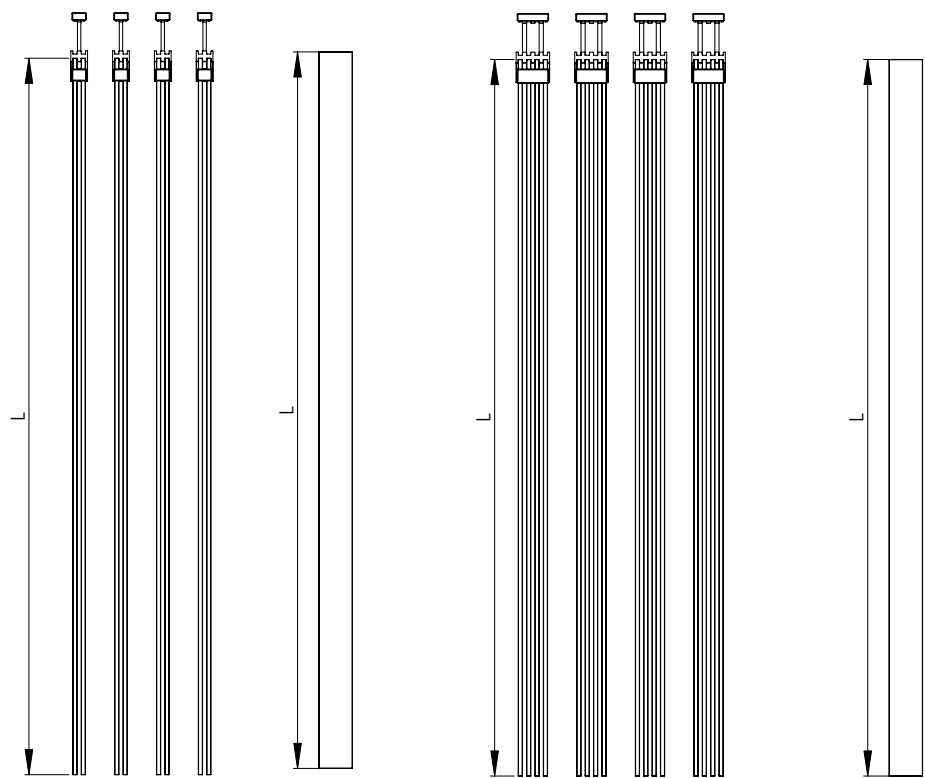
3.4.6 DISTRIBUTION BAR (Main Busbar 1860A)



Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1860A (60/10x2)	1860A	60/10x2	1733	60/10x2	1733
	1620A	50/10x2	1733	50/10x2	1733
	1350A	40/10x2	1733	40/10x2	1733

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1860A (60/10x2)	1300A	60/5x2	1733	60/5x2	1733
	1100A	50/5x2	1733	50/5x2	1733
	900A	40/5x2	1733	40/5x2	1733
	700A	30/5x2	1733	30/5x2	1733
	495A	20/5x2	1733	20/5x2	1733

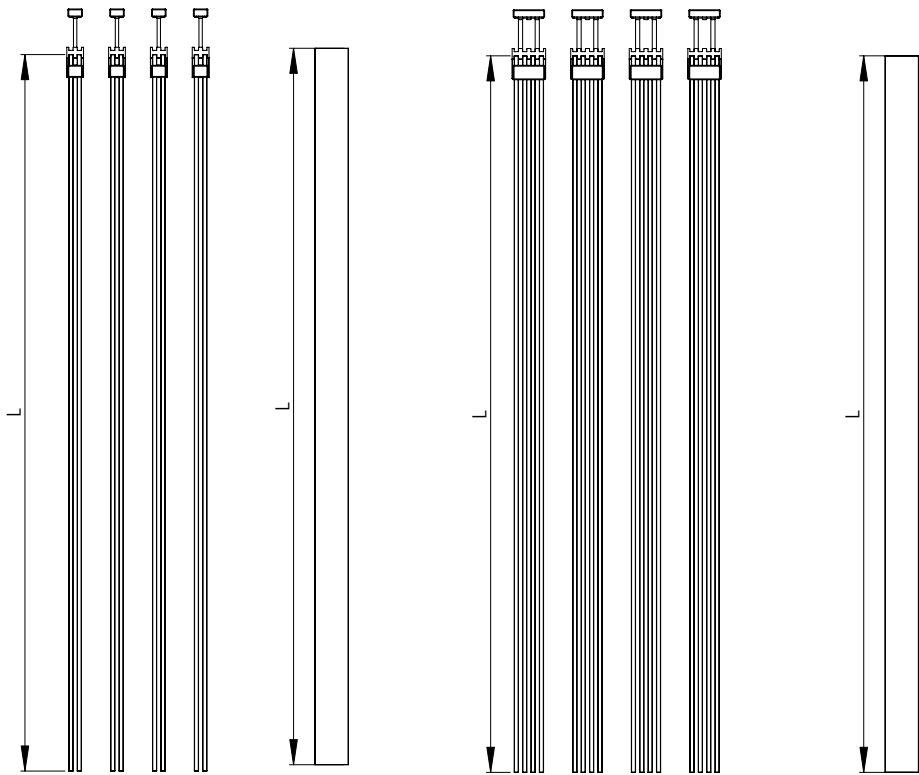
3.4.7 DISTRIBUTION BAR (Main Busbar 16200A)



Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1620A (50/10x2)	1620A	50/10x2	1743	50/10x2	1743
	1350A	40/10x2	1743	40/10x2	1743

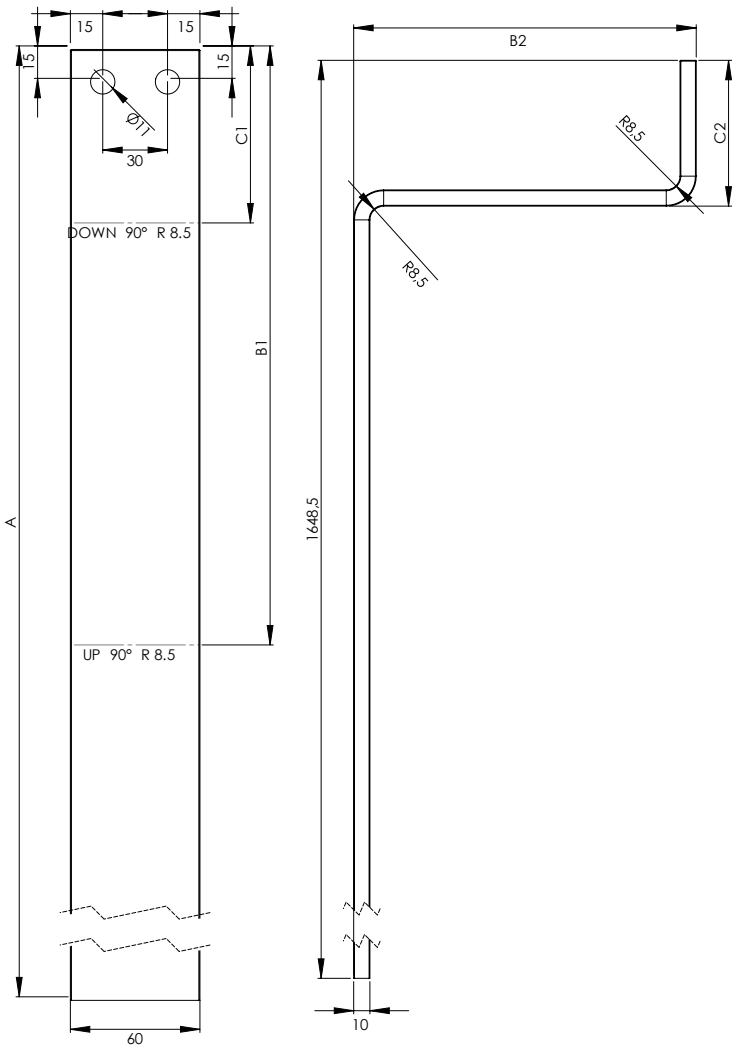
Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1620A (50/10x2)	1300A	60/5x2	1743	60/5x2	1743
	1100A	50/5x2	1743	50/5x2	1743
	900A	40/5x2	1743	40/5x2	1743
	700A	30/5x2	1743	30/5x2	1743
	495A	20/5x2	1743	20/5x2	1743

3.4.8 DISTRIBUTION BAR (Main Busbar 1350A)



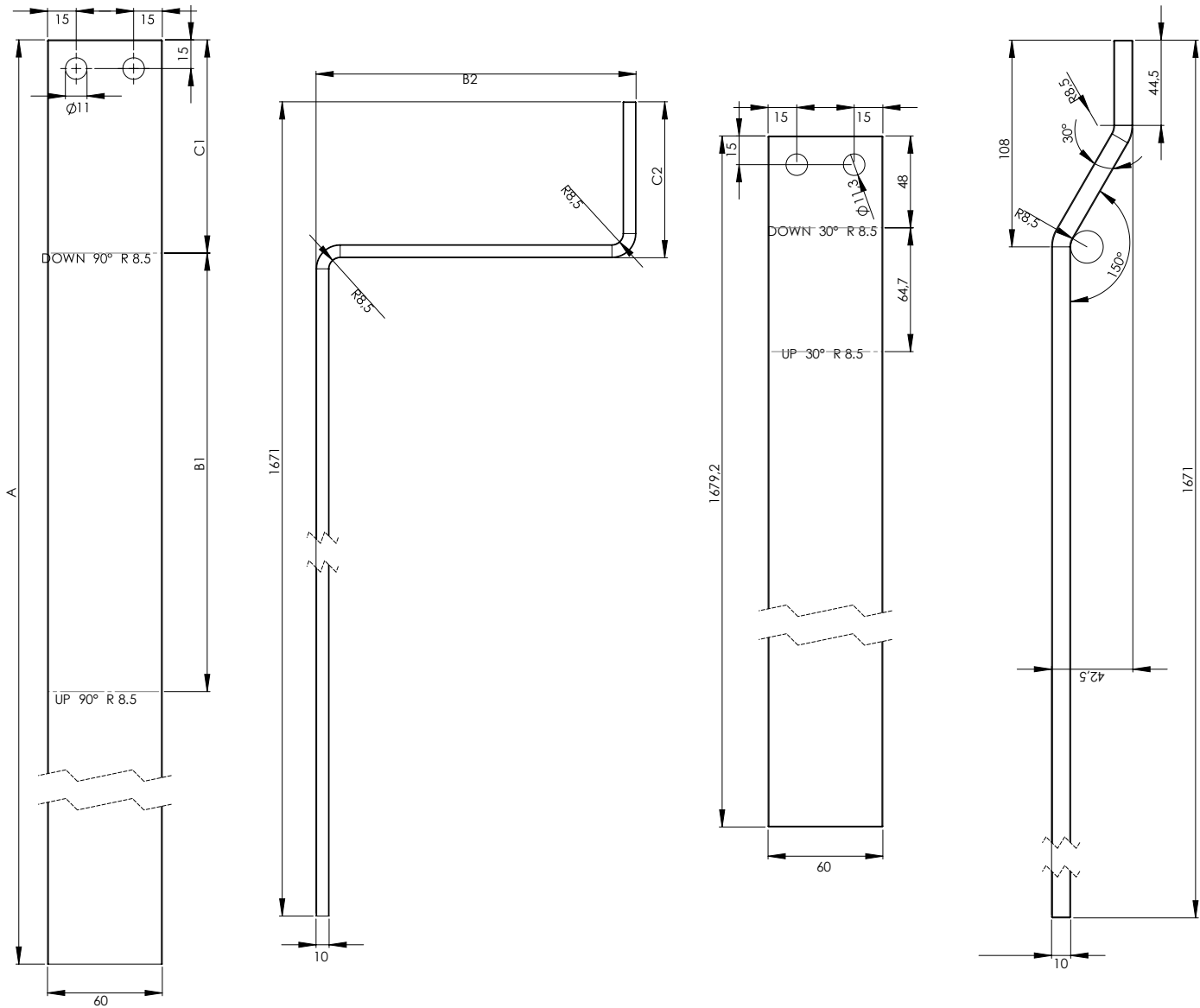
Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1350A (40/10x2)	1350A	40/10x2	1753	40/10x2	1753

Main Busbar	Distribution	L1/L2/L3		N(1/1)	
		Copper Size	L(mm)	Copper Size	L(mm)
1350A (40/10x2)	1300A	60/5x2	1753	60/5x2	1753
	1100A	50/5x2	1753	50/5x2	1753
	900A	40/5x2	1753	40/5x2	1753
	700A	30/5x2	1753	30/5x2	1753
	495A	20/5x2	1753	20/5x2	1753



Depth(D)	Connection Bar	Copper Size	A	B1	C1	B2	C2
800D	L1	60/10	1837,8	277,3	81,9	211,5	90
	L2	60/10	1732,8	137,3	46,9	106,5	55
	L3	60/10	1749,8	154,3	46,9	123,5	55
	N	60/10	1854,8	294,3	81,9	228,5	90

4.3 MCC DISTRIBUTION BAR (800D)

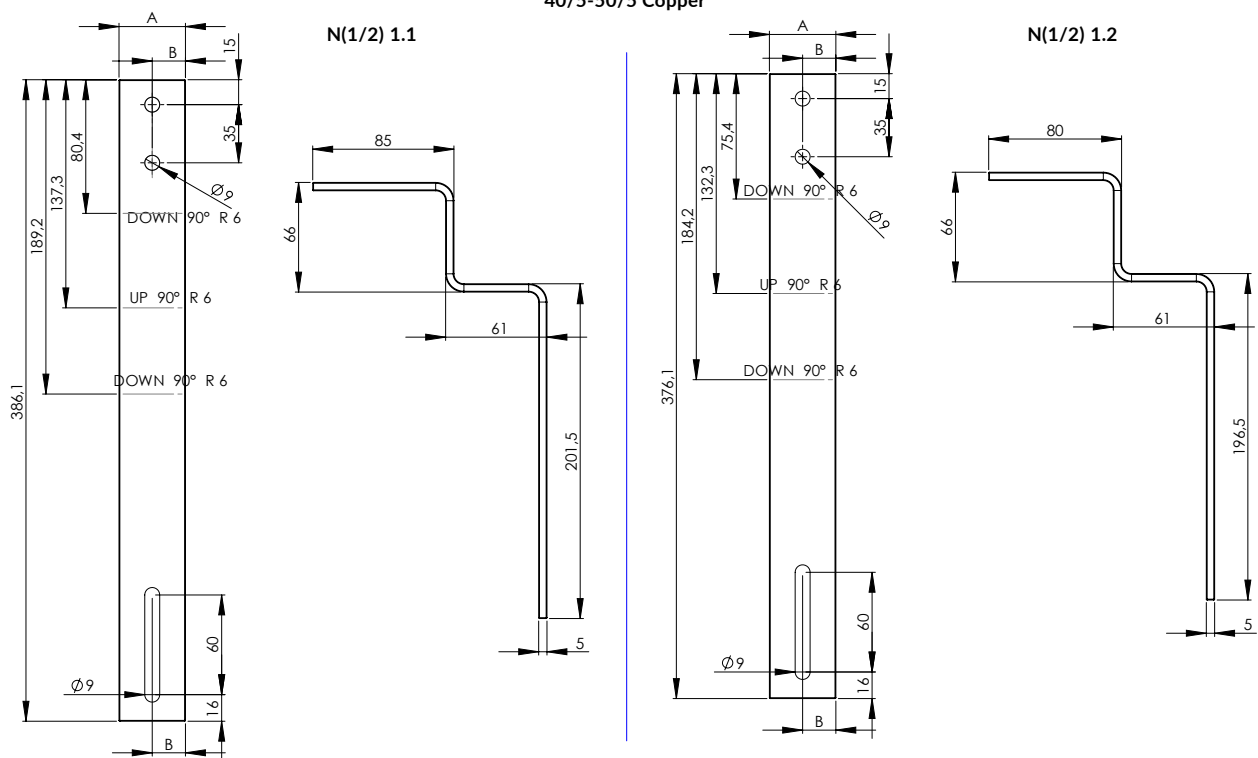


Depth(D)	Connection Bar	Copper Size	A	B1	C1	B2	C2
600D	L1	60/10	1894,1	229,2	111,4	245,3	119,5
	L2	60/10	1829,1	164,2	76,4	180,3	84,5
	L3	60/10	1764,1	99,2	40,4	115,3	48,5

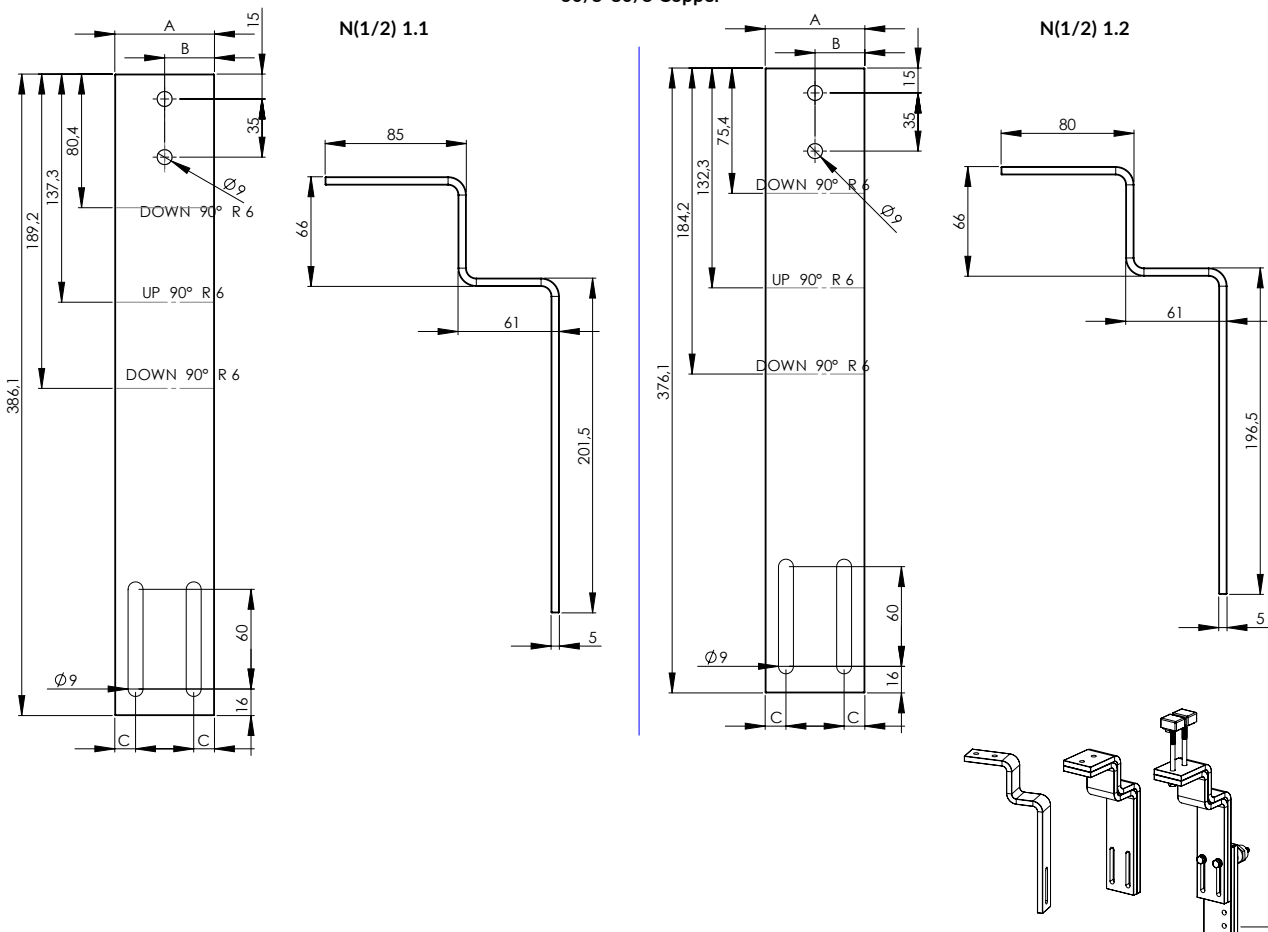
5. CABLING MODULE NEUTRAL COPPER BAR DIMENSIONS

5.1 CABLING MODULE NEUTRAL CONNECTION (5mm Copper)

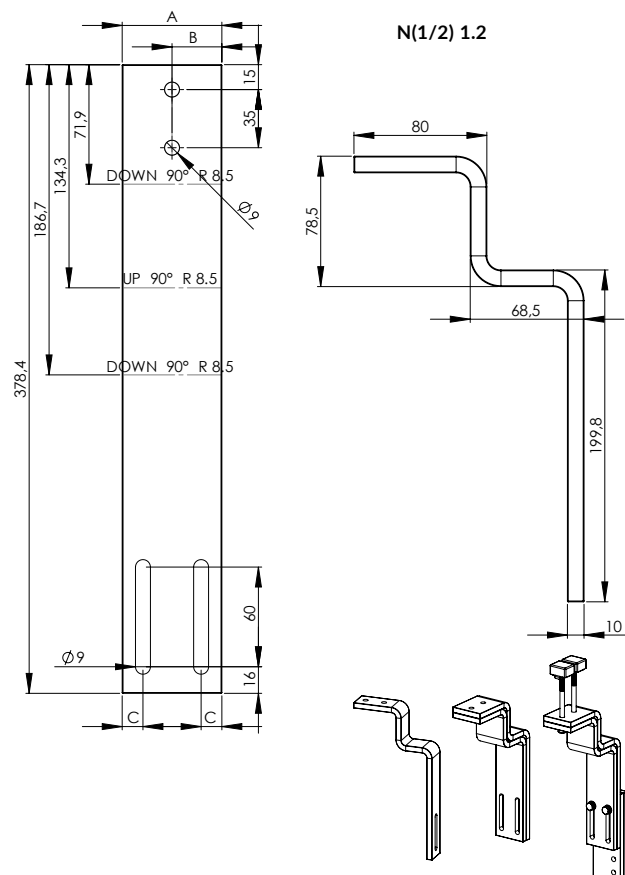
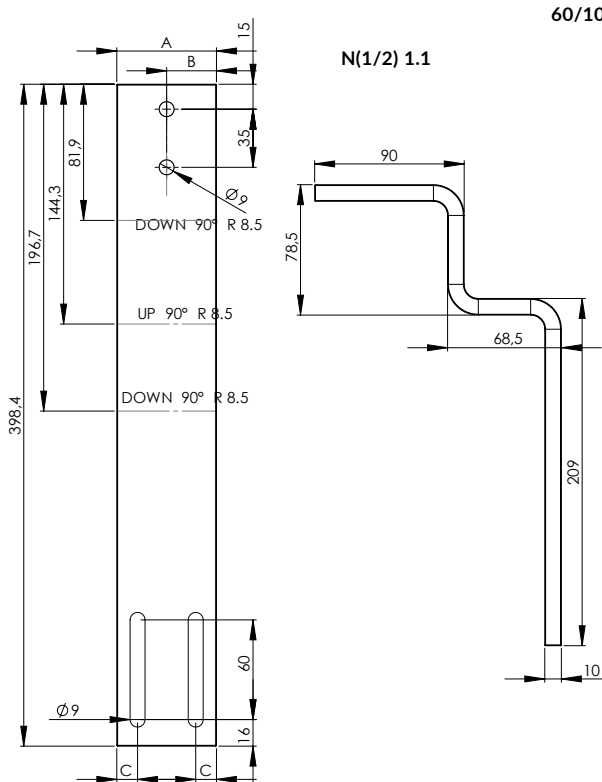
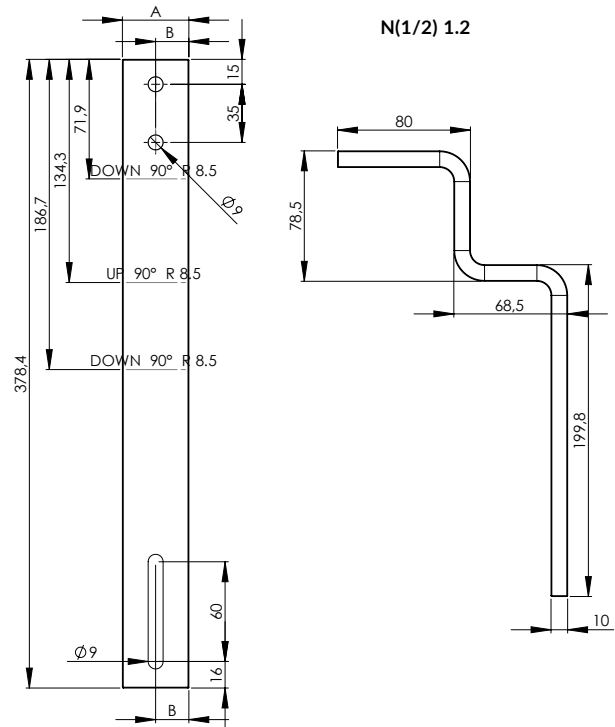
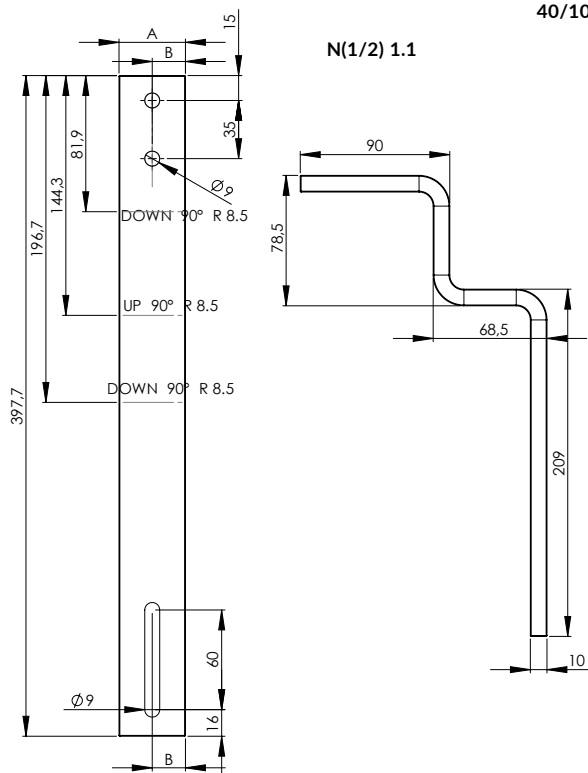
40/5-50/5 Copper



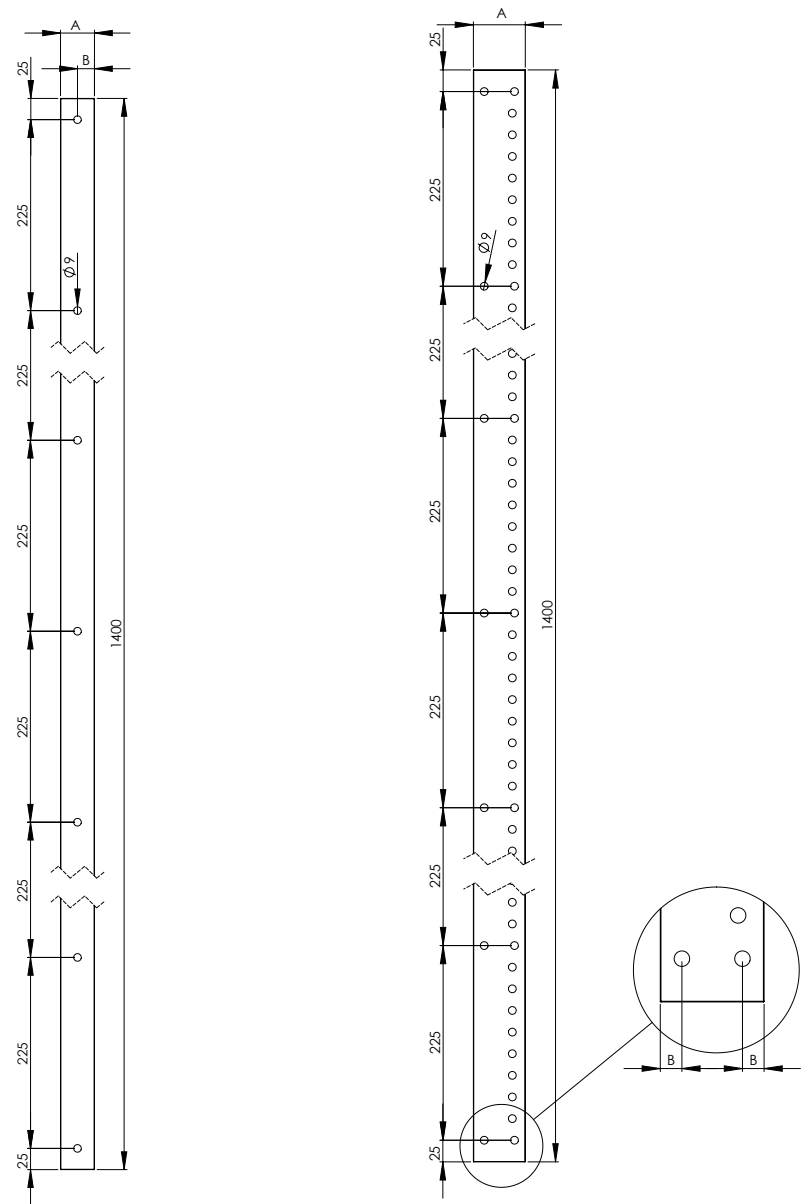
60/5-80/5 Copper



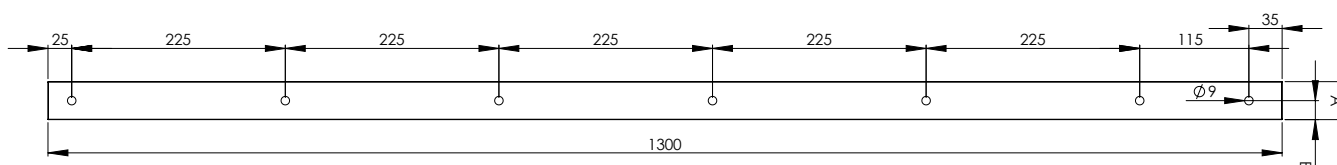
5.2 CABLING MODULE NEUTRAL CONNECTION (10mm Copper)



5.3 CABLING MODULE NEUTRAL BAR



Depth(D)	L1/L2/L3		N(1/2)		
	Busbar(A)	Copper Size	Copper Size	A(mm)	B(mm)
800D	4000A	80/10x4	80/10x2	80	40
	3400A	60/10x4	60/10x2	60	30
	3000A	50/10x4	50/10x2	50	25
	2500A	40/10x4	40/10x2 (80/10x1)	40 (80)	20 (40)
800D/600D	2300A	80/10x2	40/10x2 (80/10x1)	40 (80)	20 (40)
	1860A	60/10x2	60/5x2 (60/10x1)	60	30
	1620A	50/10x2	50/5x2 (50/10x1)	50	25
	1350A	40/10x2	40/5x2 (40/10x1)	40	20
	1300A	60/5x2	60/5x1	60	30
	1100A	50/5x2	50/5x1	50	25
	900A	40/5x2	40/5x1	40	20
	700A	30/5x2	30/5x1	30	15
	495A	20/5x2	20/5x1	20	10



Depth(D)	L1/L2/L3		PE(1/1)			PE(1/2)		
	Busbar(A)	Copper Size	Copper Size	A(mm)	B(mm)	Copper Size	A(mm)	B(mm)
800D	4000A	80/10x4	80/10x2	80	40	40/10x2 (80/10x1)	40 (80)	20 (40)
	3400A	60/10x4	60/10x2	60	30	30/10x2 (60/10x1)	30 (60)	15 (30)
	3000A	50/10x4	50/10x2	50	25	30/10x2 (50/10x1)	30 (50)	15 (25)
	2500A	40/10x4	40/10x2	40	20	40/5x2 (40/10x1)	40	20
800D/600D	2300A	80/10x2	40/10x2	40	20	40/5x2 (40/10x1)	40	20
	1860A	60/10x2	60/5x2 (60/10x1)	60	30	30/5x2 (30/10x1)	30	15
	1620A	50/10x2	50/5x2 (50/10x1)	50	25	30/5x2 (30/10x1)	30	15
	1350A	40/10x2	40/5x2 (40/10x1)	40	20	20/5x2 (40/5x1)	20	10
	1300A	60/5x2	60/5x1	60	30	60/5x1	60	30
	1100A	50/5x2	50/5x1	50	25	50/5x1	50	25
	900A	40/5x2	40/5x1	40	20	40/5x1	40	20
	700A	30/5x2	30/5x1	30	15	30/5x1	30	15
	495A	20/5x2	20/5x1	20	10	20/5x1	20	10

