

CBB SERIES

STUD / RING LUG TERMINALS

RING LUG POWER TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- High Current up to 310A
- Feed-Through Terminals
 - Nut / Bolt version
 - Version with threaded current bar (LS) for fast wiring without 2 wrenches
- Wire crimped into ring / fork lug on to the flat current bar
- Special Mounting foot design for tight fit on rail
- Protective Cover in various length
- 2, 3 pole jumper bars

APPLICATIONS

- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed



Dimensions & Weight

	CBB35/50 CBB35/50LS	CBB70 CBB70LS	CBB95 CBB95LS
Width	32 mm	38 mm	38 mm
Length	75 mm	92 mm	92 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	47.5 mm 54.5 mm	47.5 mm 54.5 mm
Weight per piece	82.0 g	157.5 g	193.0 g

Technical Data/Ratings

Approvals			
Wire Size (solid / stranded)	10-1/0 AWG 6-50.0 mm ²	8-2/0 AWG 6-70.0 mm ²	8-4/0 AWG 16-95.0 mm ²
Voltage Rating	600 V 1000V AC/DC	600 V 1000V AC/DC	600 V 1000V AC/DC
Current Rating	150 A 150 A	175 A 192 A	230 A 232 A
Torque	27 lb-in 3.0 Nm	54.5 lb-in 6.0 Nm	90 lb-in 10.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

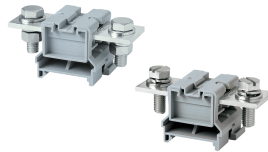
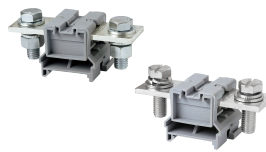
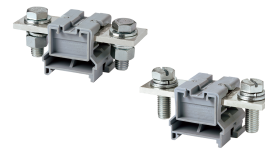
Wire Stripping Length	—	—	—
Screw / Stud Size	M6	M8	M10
Screwdriver	Wrench M6 Flat Head 1 x 5.5 mm	Wrench M8 Flat Head 1 x 1.5 mm	Wrench M10 Flat Head 1 x 1.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey						
Nut & Bolt configuration	CBB35/50	10	CBB70	10	CBB95	10
Threaded Current Bar	CBB35/50LS	10	CBB70LS	10	CBB95LS	10

Accessories

Partition Plate			PPCBB	50	PPCBB	50	PPCBB1	50
DIN Rail			2511120	20	2511120	20	2511120	20
			CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop			CA102	50	CA102	50	CA102	50
			CA202	50	CA202	50	CA202	50
Protective Cover for installing on PPCBB & PPCBB1	70 mm		CBBPC1/70	10	CBBPC1/70	10	—	—
	80 mm		CBBPC1/80	10	CBBPC1/80	10	—	—
	100 mm		CTSPC2-1	10	CTSPC2-1	10	CBBPC2/100	10
	130 mm		CBBPC1/130	10	CBBPC1/130	10	—	—
	160 mm		CBBPC1/160	10	CBBPC1/160	10	CBBPC2/160	10
	200 mm		CBBPC1/200	10	CBBPC1/200	10	CBBPC2/200	10
	250 mm		CBBPC1/250	10	CBBPC1/250	10	CBBPC2/250	10
Permanent Jumper Bars	 2 pole	CA790/2	10	CA791/2	10	CA791/2	10	
	 3 pole	CA790/3	10	CA791/3	10	CA791/3	10	
Marking Tag			MT12	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

**CBB120
CBB120LS****CBB150
CBB150LS****CBB185
CBB185LS****Dimensions & Weight**

	255 A Feed Through Power Terminal	285 A Feed Through Power Terminal	310 A Feed Through Power Terminal
Width	48 mm	48 mm	48 mm
Length	100 mm	110 mm	110 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm
Weight per piece	244.0 g	316.0 g	319.4 g

Technical Data/Ratings

Approvals   	  	  	  
Wire Size (solid / stranded)	8-250 KCMIL 16-120 mm ²	8-300 KCMIL 16-150 mm ²	8-350 KCMIL 16-185 mm ²
Voltage Rating	600 V 1000V AC/DC	600 V 1000V AC/DC	600 V 1000V AC/DC
Current Rating	255 A 269 A	285 A 309 A	310 A 353 A
Torque	90 lb-in 10.0 Nm	127 lb-in 14.0 Nm	127 lb-in 14.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

Wire Stripping Length 	—	—	—
Screw / Stud Size	M10	M12	M12
Screwdriver 	Wrench M10 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey 						
Nut & Bolt configuration	CBB120	10	CBB150	10	CBB185	10
Threaded Current Bar	CBB120LS	10	CBB150LS	10	CBB185LS	10

Accessories

Accessories		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Partition Plate		PPCBB1	50	PPCBB1	50	PPCBB1	50
DIN Rail		2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop		CA102 CA202	50 50	CA102 CA202	50 50	CA102 CA202	50 50
Protective Cover for installing on PPCBB & PPCBB1	100 mm 160 mm 200 mm 250 mm 	CBBPC2/100 CBBPC2/160 CBBPC2/200 CBBPC2/250	10 10 10 10	CBBPC2/100 CBBPC2/160 CBBPC2/200 CBBPC2/250	10 10 10 10	CBBPC2/100 CBBPC2/160 CBBPC2/200 CBBPC2/250	10 10 10 10
Permanent Jumper Bars	 2 pole 3 pole	CA793/2 CA793/3	10 10	CA794/2 CA794/3	10 10	CA794/2 CA794/3	10 10
Marking Tag		MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)