

## STOCK RANGE OF BUSBAR INSULATORS AND COPPER BUSBAR

Comprehensive range of high quality busbar insulators.

Screw fixings from 6 mm to 10 mm.

Voltage withstand from 6kV to 25kV.

Heights from 25 mm to 76 mm.

High tensile and torque strength.



*Busbar insulators group*

A comprehensive range of high quality busbar insulators available from stock. Screw sizes are from M6 to M10 with voltage withstand from 6kV to 25kV. Units are supplied in boxes of 10 and are available from stock.

Reference	Screw Size diam x L	Voltage Withstand	Tensile Strength	Torque Strength	Dimensions OD x ID x H (mm)	Weight (kg)
SM 25	M6 x 9.0 mm	6kV	500 lbs	6 lbs	27.0 x 23.0 x 25.0	0.03
SM 30	M8 x 10.0 mm	8kV	550 lbs	8 lbs	32.0 x 26.0 x 30.0	0.05
SM 35	M8 x 10.0 mm	10kV	800 lbs	10 lbs	32.0 x 28.0 x 35.0	0.05
SM 40	M8 x 12.0 mm	12kV	650 lbs	10 lbs	40.0 x 34.0 x 40.0	0.09
SM 45	M10 x 13.0 mm	15kV	1,000 lbs	20 lbs	37.0 x 29.0 x 45.0	0.07
SM 51	M8 x 12.0 mm	15kV	1,000 lbs	20 lbs	36.0 x 29.0 x 51.0	0.09
SM 60	M10 x 22.0 mm	25kV	1,500 lbs	40 lbs	44.0 x 32.5 x 60.0	0.17
SM 76	M10 x 12.0 mm	25kV	1,500 lbs	40 lbs	50.0 x 36.0 x 76.0	0.24

High conductivity copper busbar to BS EN 13601.

Variety of standard sizes in stock in 1 m lengths.

Can be cut to size and punched and fabricated to customer requirements.

Other non-standard sizes available upon request.



*Copper busbar group*

High conductivity copper busbar with 12 sizes available from stock in 1 m lengths. All types have a radius edge and are burr free. Special busbars can be cut to length and fabricated from the standard sizes or from non-stock special sizes. These can be punched with holes and slots and folded to drawing. Prices for non-standard sizes available on request.

Reference	CSA (mm <sup>2</sup> )	Size (Metric mm)	Size (Imperial inches)	Current Rating at 3,000A/sq. inch or 4.65A/sq. mm
CBB 50	50.4	15.88 x 3.18	0.63 x 0.13	200A
CBB 60	60.5	19.05 x 3.18	0.75 x 0.13	275A
CBB 80	80.6	25.4 x 3.18	1.00 x 0.13	350A
CBB 100	100.8	31.75 x 3.18	1.25 x 0.13	450A
CBB 120	120.0	20.00 x 6.00	N/A	550A
CBB 150	150.0	25.00 x 6.00	N/A	650A
CBB 180	180.0	30.00 x 6.00	N/A	800A
CBB 240	240.0	40.00 x 6.00	N/A	1,000A
CBB 300	300.0	50.00 x 6.00	N/A	1,300A
CBB 360	360.0	60.00 x 6.00	N/A	1,500A
CBB 450	450.0	75.00 x 6.00	N/A	2,000A
CBB 600	600.0	100.00 x 6.00	N/A	2,750A