

## COPPER CONDUCTOR RATINGS

High conductivity copper to BS 1432, BS 6017. type C101, interconnection rating installed in still air, to give 30k max rise above ambient within switchboard.

2 Conductors laminated (with air gap of conductor thickness) x 1.7 Rating

2 Conductors laminated (without air gap) x 1.5 Rating

Size	Amps		
	SINGLE	TWIN BUTT UP	TWIN AIR SPACE
<b>IMPERIAL</b>			
1" x 1/4"	412	618	700
1 1/4" x 1/4"	502	753	853
1 1/2" x 1/4"	578	867	983
1 3/4" x 1/4"	650	975	1105
2" x 1/4"	721	1082	1226
2 1/4" x 1/4"	796	1194	1353
2 1/2" x 1/4"	870	1305	1479
2 3/4" x 1/4"	943	1415	1603
3" x 1/4"	1015	1523	1726
4" x 1/4"	1271	1907	2161
<b>METRIC</b>			
20 X 10	457	686	777
30 X 10	619	928	1052
40 X 10	750	1125	1275
50 X 10	920	1380	1564
60 X 10	1100	1650	1870
80 X 10	1400	2100	2380
100 X 10	1700	2550	2890
<b>METRIC</b>			
18 X 12	460	690	782
24 X 12	580	870	986
30 X 12	670	1005	1139
42 X 12	840	1260	1428
66 X 12	1270	1905	2159
90 X 12	1600	2400	2720

### RENTAL CENTRES

**Scotland & North** ide Rental Ltd, Unit 8 Shawfield Trade Park, Rutherglen, Glasgow. G73 1DB Tel: 0141 647 0850

**The Midlands** ide Rental Ltd, Unit 4A & D, Zone 2, Burntwood Business Park, Ring Road, Burntwood, Staffs. WS7 3JQ Tel: 01543 674 759

**The South** ide Rental Ltd, Unit 13 Thurrock Trade Park, Oliver Road, Grays, Essex. RM20 3AL Tel: 01708 863 963



## COPPER CONDUCTOR RATINGS

High conductivity copper to BS 1432, BS 6017. type C101, main busbar rating,  
 Installed in still air, to give 80k max rise above ambient within switchboard.

CROSS SECTION (mm)	CROSS SECTIONAL AREA (mm <sup>2</sup> )	CURRENT RATING (AMPS)	SHORT CIRCUIT kA symm – 1 SEC
12 x 12 x 2	288	630A	50
18 x 12 x 2	432	800A	50
24 x 12 x 2	576	1000A	50
30 x 12 x 2	720	1250A	50
42 x 12 x 2	1008	1600A	50
66 x 12 x 2	1584	2000A	100
90 x 12 x 2	2160	2500A	100
114 x 12 x 2	2736	3200A	100
150 x 12 x 2	3600	4000A	100
90 x 12 x 4	4320	4500A	100
114 x 12 x 4	5472	5500A	100

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