

Power rated earth & neutral bars

Our power rated earth and neutral bars are manufactured on sturdy 60mm din rail for mounting direct to the wall or inside distribution enclosures. Alternative sizes are available upon request to suit customer requirements.

The earth bars have continuity bonding from the copper to the din rail.

The neutral bars are fully insulated from the din rail.

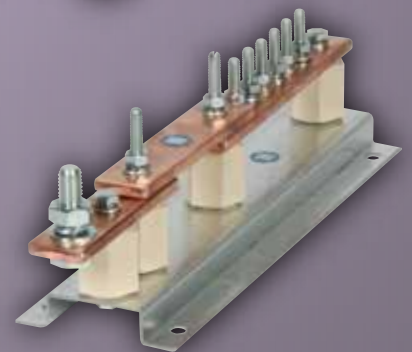
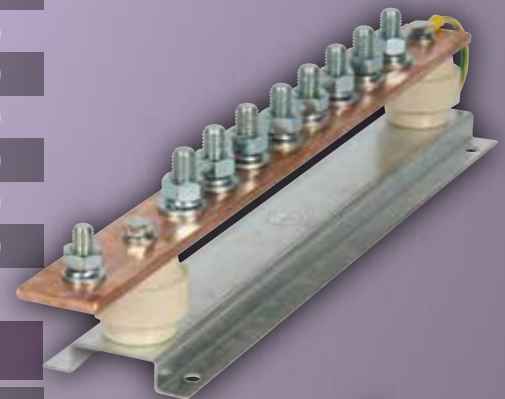
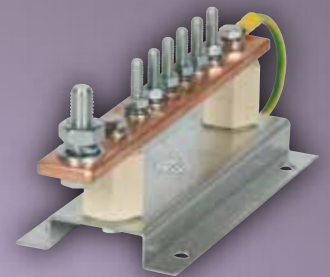
Nominal Rating	Outgoing Fixings	Incoming Fixing	Ordering Reference Earth Bar	Ordering Reference Neutral Bar	Overall Length (mm)
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Non-Splittable Bars

100A	6 x M6	1 x M10	EB6/100	NB6/100	180
100A	8 x M6	1 x M10	EB8/100	NB8/100	210
100A	12 x M6	1 x M10	EB12/100	NB12/100	270
160A	6 x M8	1 x M10	EB6/160	NB6/160	210
160A	8 x M8	1 x M10	EB8/160	NB8/160	250
160A	12 x M8	1 x M10	EB12/160	NB12/160	330
250A	6 x M10	1 x M10	EB6/250	NB6/250	240
250A	8 x M10	1 x M10	EB8/250	NB8/250	290
250A	12 x M10	1 x M10	EB12/250	NB12/250	390
400A	8 x M12	1 x M10	EB8/400	NB8/400	430
400A	12 x M12	1 x M10	EB12/400	NB12/400	570
630A	8 x M12	1 x M12	EB8/630	NB8/630	550
630A	12 x M12	1 x M12	EB12/630	NB12/630	750

Splittable Bars

100A	6 x M6	1 x M10	EBS6/100	NBS6/100	290
100A	8 x M6	1 x M10	EBS8/100	NBS8/100	320
100A	12 x M6	1 x M10	EBS12/100	NBS12/100	380
160A	6 x M8	1 x M10	EBS6/160	NBS6/160	320
160A	8 x M8	1 x M10	EBS8/160	NBS8/160	360
160A	12 x M8	1 x M10	EBS12/160	NBS12/160	440
250A	6 x M10	1 x M10	EBS6/250	NBS6/250	350
250A	8 x M10	1 x M10	EBS8/250	NBS8/250	400
250A	12 x M10	1 x M10	EBS12/250	NBS12/250	500
400A	8 x M12	1 x M10	EBS8/400	NBS8/400	580
400A	12 x M12	1 x M10	EBS12/400	NBS12/400	720
630A	8 x M12	1 x M12	EBS8/630	NBS8/630	700
630A	12 x M12	1 x M12	EBS12/630	NBS12/630	900



At Switchgear Systems Ltd. we build most of our switchgear in wall mounting sheet steel powder coated RAL 7035 enclosures. There should be no need for spreader boxes with our equipment as the enclosures are suitably sized for the spreading of typical cable sizes suitable for the switchgear's current carrying capacity. Where larger sizes and quantities of cables are being used we can put them into bigger enclosures and manufacture bespoke extension terminals. As well as the standard enclosure we also offer a range of material options for both the enclosure and gland plate/s, as well as a number of accessories.

Enclosure material options:

- Standard RAL7035 sheet steel
- Alternative colour options
- Stainless steel enclosures
- GRP enclosures
- Floor standing sheet steel

Gland plate material options:

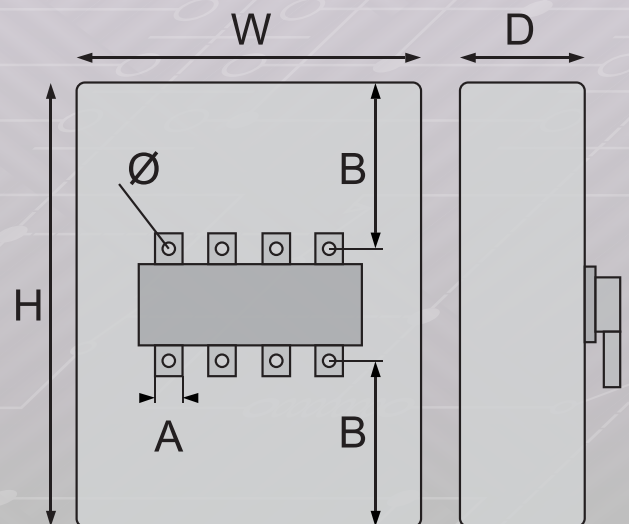
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

Accessories:

- Mounting brackets
- Padlockable hasps
- Metering and CT's
- Indicator lights
- Castell Interlocks
- And many others

Reference diagram for dimensions shown in tables throughout catalogue

- H - Height of enclosure
- W - Width of enclosure
- D - Depth of enclosure (does not include handle or any other external components)
- A - Width of terminal
- B - Cable room measured from connection point to the end of enclosure
- Ø - Terminal connection diameter



All items are sold under Switchgear Systems Limited standard terms and conditions, a copy of which can be found on our website (www.switchgear-systems.com).

It is the responsibility of the installer to ensure items are fitted to the requirements of BS 7671 (Wiring Regulations) and best working practice.