

Sheet Steel Enclosed Junction Boxes

- Insulator rating 1000V
- Bolt connection for cable lugs from 120mm² +
- IP2X terminal protection
- Padlockable hinged door enclosure
- Ingress protection IP55



| Max cable size per phase | Nominal Rating I _e 415V | Ordering Reference 3P | Ordering Reference 4P | Ordering Reference 5P including bonded earth | Dimensions (mm) <small>*see inner front cover for reference diagram</small> | | | | | |
|--------------------------|------------------------------------|-----------------------|-----------------------|--|--|---|---|---|---|---|
| | | | | | H | W | D | A | ∅ | B |

Units with individual screw down terminals (for bootlace ferrules)

| | | | | | | | | | | |
|----|------|-----------|-----------|-----------|-----|-----|-----|---------|--|-----|
| 35 | 125A | STJB 35/3 | STJB 35/4 | STJB 35/5 | 400 | 300 | 150 | 35 cage | | 200 |
| 70 | 192A | STJB 70/3 | STJB 70/4 | STJB 70/5 | 500 | 400 | 200 | 70 cage | | 210 |

Units with individually shrouded power terminals (for lugs)

| | | | | | | | | | | |
|-----|------|------------|------------|------------|-----|-----|-----|----|-----|-----|
| 120 | 250A | STJB 120/3 | STJB 120/4 | STJB 120/5 | 600 | 400 | 200 | 20 | M10 | 230 |
| 185 | 350A | STJB 185/3 | STJB 185/4 | STJB 185/5 | 800 | 600 | 250 | 25 | M12 | 320 |
| 300 | 500A | STJB 300/3 | STJB 300/4 | STJB 300/5 | 800 | 600 | 250 | 30 | M16 | 320 |

Units with individual copper bars on insulators with all over shrouding (for lugs)

| | | | | | | | | | | |
|---------|-------|-------------|-------------|-------------|------|-----|-----|----|-----|-----|
| 2 x 300 | 500A | STJB 500/3 | STJB 500/4 | STJB 500/5 | 1000 | 600 | 250 | 40 | M12 | 390 |
| 2 x 400 | 630A | STJB 630/3 | STJB 630/4 | STJB 630/5 | 1000 | 600 | 300 | 50 | M12 | 390 |
| 2 x 400 | 800A | STJB 800/3 | STJB 800/4 | STJB 800/5 | 1000 | 800 | 300 | 50 | M12 | 390 |
| 2 x 400 | 1000A | STJB 1000/3 | STJB 1000/4 | STJB 1000/5 | 1200 | 800 | 300 | 60 | M12 | 490 |

If you require any bespoke layouts or additions then please get in touch with our sales team.

All cables from one direction



Multiple cables per termination



Stainless Steel



Floor Standing Bespoke Units



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:

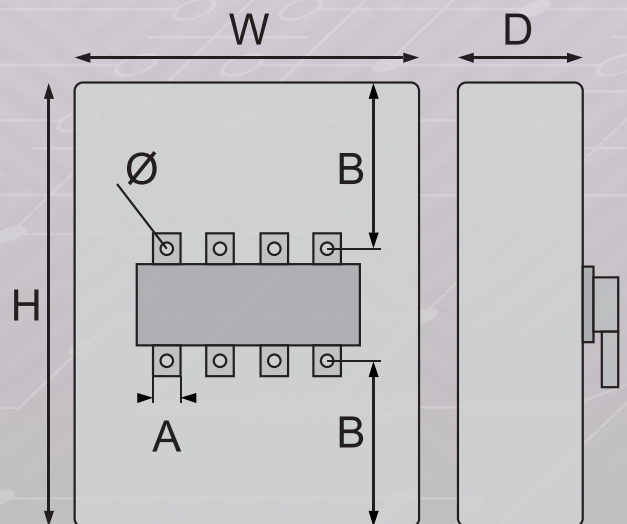
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

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.