

# Sheet Steel Enclosed MCCBs and ACBs

- Fully load rated breakers
- BSEN 60947-2 conformity
- Door interlocked padlockable handles
- IP2X terminal shrouds
- 63A-250A Fixed magnetic, adjustable thermal 63-100%
- 400A-1250A Electronic LSI, adjustable 40-100%
- Ingress protection IP55



Nominal Rating I <sub>e</sub> 415V	I <sub>cu</sub> Short circuit breaking	Order Reference TP&N	Order Reference 4P	Trip type	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
					H	W	D	A	Ø	B
63A	16kA	ST MCCB 6/3+N	ST MCCB 6/4	Th/Mag	400	300	200	17	M8	105
100A	16kA	ST MCCB 10/3+N	ST MCCB 10/4	Th/Mag	400	300	200	17	M8	105
125A	16kA	ST MCCB 12/3+N	ST MCCB 12/4	Th/Mag	500	400	200	17	M8	155
160A	16kA	ST MCCB 16/3+N	ST MCCB 16/4	Th/Mag	500	400	200	17	M8	155
200A	25kA	ST MCCB 20/3+N	ST MCCB 20/4	Th/Mag	600	400	200	23	M10	190
250A	25kA	ST MCCB 25/3+N	ST MCCB 25/4	Th/Mag	600	400	200	23	M10	190
400A	50kA	ST MCCB 40/3+N	ST MCCB 40/4	Electronic	800	600	250	28	M12	235
630A	50kA	ST MCCB 63/3+N	ST MCCB 63/4	Electronic	800	600	250	28	M12	235
800A	50kA	ST MCCB 80/3+N	ST MCCB 80/4	Electronic	1000	800	300	40	M12	300
1000A	50kA	ST MCCB 100/3+N	ST MCCB 100/4	Electronic	1200	800	300	45	M12	380
1250A	50kA	ST MCCB 125/3+N	ST MCCB 125/4	Electronic	1200	800	300	45	M12	350

Enclosed ACB's are also available up to 6300A. Using floor standing sheet steel enclosures and mounted on rails these are built to allow for maximum cable room and can be made specifically to your cable directions.

- Fully load rated breakers
- Range of trips and breaking capacities
- BSEN60947-2, IEC 60439-1 conformity
- Withdrawable or fixed options
- IP2X terminal shrouds
- Aluminium glands optional on all sides
- Vents or forced air upon request



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:**

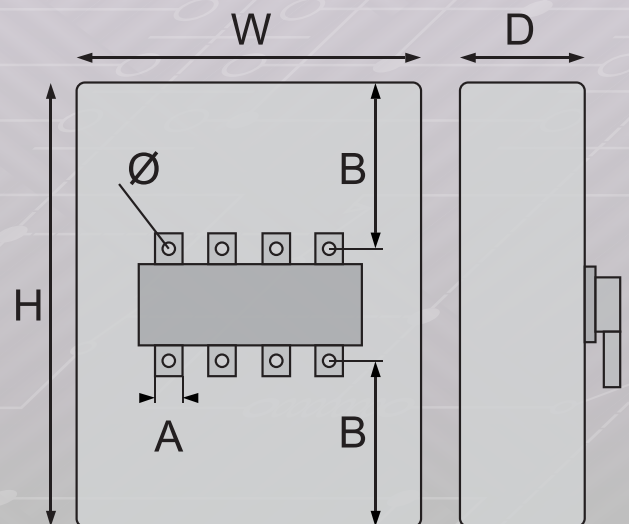
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

**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](http://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.