

# Sheet Steel Enclosed Load Break Isolators

- Fully load rated AC23A 415-690V
- BSEN 60947-3 conformity
- Door interlocked padlockable handle
- IP2X terminal shrouds
- Removable gland plate top (up to 700 H) and bottom
- Ingress protection IP55



Nominal Rating I <sub>e</sub> 415V		Ordering Reference TP&N	Ordering Reference 4P	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
				H	W	D	A	Ø	B
20A	5.5kW	ST ISO 2/3+N	ST ISO 2/4	200	200	120	10 cage		80
32A	9.5kW	ST ISO 3/3+N	ST ISO 3/4	200	200	120	16 cage		80
63A	18.5kW	ST ISO 6/3+N	ST ISO 6/4	200	200	120	25 cage		75
100A	30kW	ST ISO 10/3+N	ST ISO 10/4	400	300	150	50 cage		158
125A	37kW	ST ISO 12/3+N	ST ISO 12/4	400	300	150	50 cage		158
160A	80kW	ST ISO 16/3+N	ST ISO 16/4	500	400	200	20	M8	190
200A	110kW	ST ISO 20/3+N	ST ISO 20/4	500	400	200	20	M8	190
250A	132kW	ST ISO 25/3+N	ST ISO 25/4	700	500	200	25	M10	280
315A	155kW	ST ISO 30/3+N	ST ISO 30/4	700	500	200	30	M10	280
400A	200kW	ST ISO 40/3+N	ST ISO 40/4	700	500	200	30	M10	280
500A	355kW	ST ISO 50/3+N	ST ISO 50/4	800	600	300	40	M12	300
630A	355kW	ST ISO 63/3+N	ST ISO 63/4	800	600	300	40	M12	300
800A	400kW	ST ISO 80/3+N	ST ISO 80/4	1000	800	300	40	M12	400
1000A	500kW	ST ISO 100/3+N	ST ISO 100/4	1200	800	300	40	M12	440
1250A	on app	ST ISO 125/3+N	ST ISO 125/4	1200	800	300	40	M12	440
* 1600A	on app	ST ISO 160/3+N	ST ISO 160/4	1600	800	600	40	M12	665
* 2000A	on app	ST ISO 200/3+N	ST ISO 200/4	1600	800	600	40	M12	665



GRP enclosures are available in a variety of sizes



\* 1600A+ come in floor standing enclosures

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:**

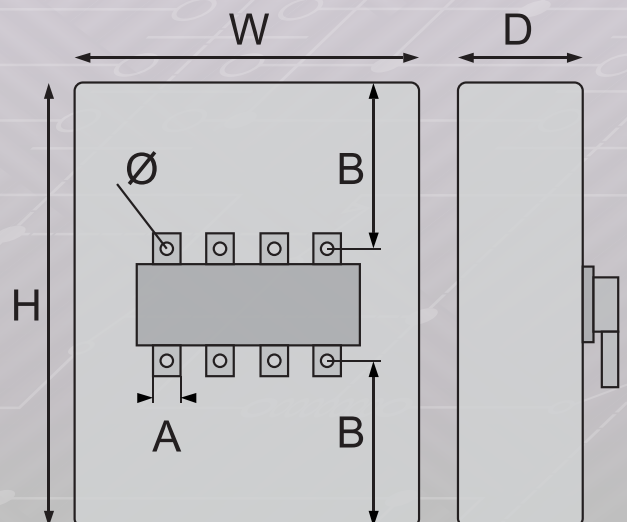
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

**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.