

Cut-out Contactors for Solar PV application

Cut-out contactors are designed for use in solar PV installations where a generator backup is included.

When the cut-out loses power from the mains it will disconnect the solar supply to prevent paralleling with an unsynchronised backup/generator.

As standard it is fitted with a spring return key operated start switch so it can only be turned back on by designated personnel but it also includes parallel start terminals which can be connected to remote/automatic start systems.

- 110V - 240V coil with fuse protection
- Normally Open contactors
- IEC 60947-4-1 rated
- IP2X terminal shrouds
- Ingress Protection IP55
- Spring return key operated start switch



AC1 Rating 380-440V	AC3 Rating 380-440V		Ordering Reference 4P	Dimensions (mm)					
				H	W	D	A	Ø	B
45A	20A	11kW	ST CON 4/4 SCO	300	180	110	10 cage		115
70A	40A	22kW	ST CON 7/4 SCO	400	300	150	35 cage		150
100A	53A	30kW	ST CON 10/4 SCO	400	300	150	35 cage		150
125A	80A	45kW	ST CON 12/4 SCO	500	400	200	50 cage		200
160A	116A	55kW	ST CON 16/4 SCO	600	400	200	13	M6	240
200A	140A	75kW	ST CON 20/4 SCO	600	400	250	13	M6	240
275A	190A	90kW	ST CON 27/4 SCO	700	500	250	16	M8	250
400A	265A	132kW	ST CON 40/4 SCO	800	600	300	20	M10	290

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:

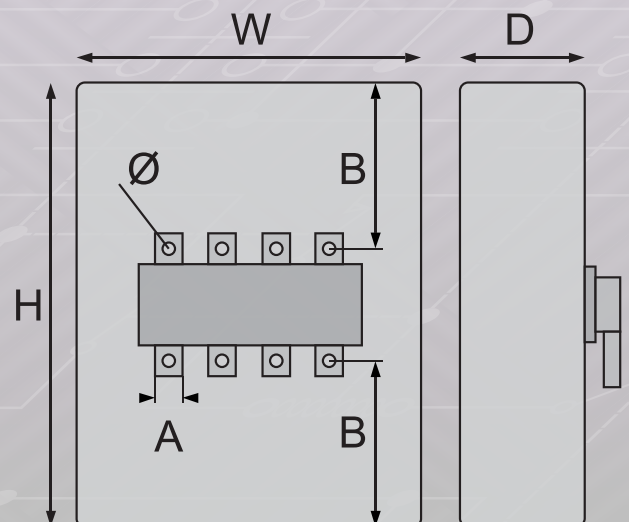
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

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.