

Sheet Steel Enclosed Changeover Switches I-O-II

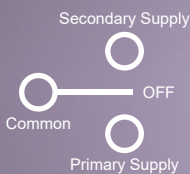
- Fully load rated AC22A 415V - 690V
- BSEN 60947-3 conformity
- Break-Before-Make with centre OFF
- Complete changeover switching system in one unit (no bridging bars required)
- IP2X terminal shrouds
- Removable gland plate top (up to 700 H) and bottom
- Ingress protection IP55



PLEASE NOTE: Changeover switch should be selected to match the current taken by the load being supplied. In the absence of this information select based on the higher current of the supplies. If using a generator it is unreliable to use its kVA rating to calculate changeover switch size.

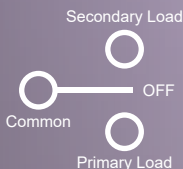
Switchgear Systems' changeover switches are a one piece construction with three sets of contacts driven from a single shaft.

This makes them ideal for selecting between two supplies to a common output.



or

For use where there is a single supply to be used on either of two outputs.



1-2 Transfer switches with no OFF position are available on request.

Nominal Rating I _e 415V	Ordering Reference 4P	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
		H	W	D	A	Ø	B
63A	ST CHO 6/4	500	400	200	15	M6	180
100A	ST CHO 10/4	500	400	200	15	M6	180
125A	ST CHO 12/4	500	400	200	15	M6	180
160A	ST CHO 16/4	500	400	200	20	M8	180
200A	ST CHO 20/4	600	400	250	20	M8	225
250A	ST CHO 25/4	700	500	250	25	M10	250
315A	ST CHO 30/4	700	500	250	30	M10	250
400A	ST CHO 40/4	800	600	250	30	M10	300
500A	ST CHO 50/4	800	600	250	35	M10	300
630A	ST CHO 63/4	1000	600	250	35	M10	400
800A	ST CHO 80/4	1000	600	300	40	M12	375
1000A	ST CHO 100/4	1200	800	300	40	M12	475
1250A	ST CHO 125/4	1200	800	300	40	M12	475



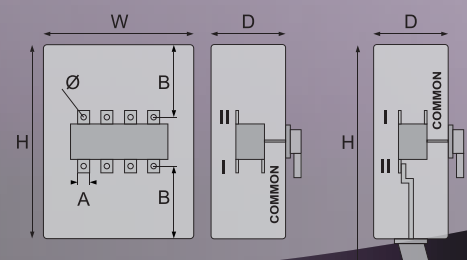
Changeover switches complete with 5 pin 415V Appliance Inlet on the bottom, wired to secondary input terminals

63A	ST CHO 6/4+INLET	639	400	200	15	M6	180
125A	ST CHO 12/4+INLET	639	400	200	15	M6	180



Units can be customised to your specifications. Please call for any bespoke requirements including:

- Spreader terminals
- Auxiliary contacts
- Larger enclosures for additional cable room
- GRP, Stainless, Rainhoods and IP65 etc.



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:

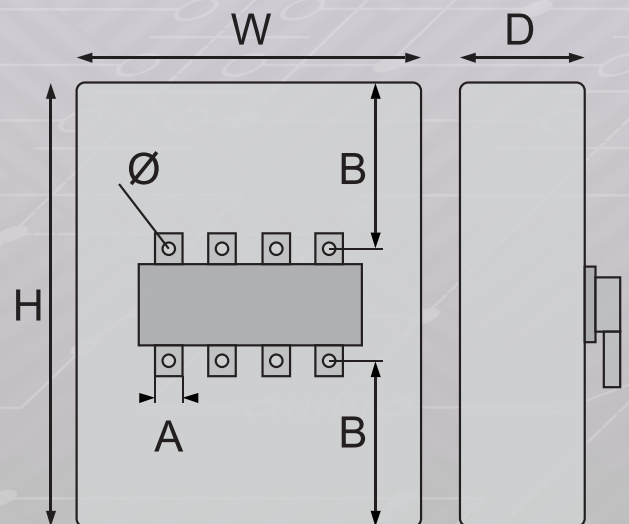
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

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.