

# Sheet Steel Enclosed Bypass Switches I-O-II

- Break-Before-Make 3 position (I-O-II)
- Fully load rated AC22A 415-690V
- BSEN 60947-3 conformity
- Door interlocking padlockable handle
- Ingress protection IP55



## Horizontal Bypass Switches

Designed to easily facilitate all cables from one direction with linking on the other side.

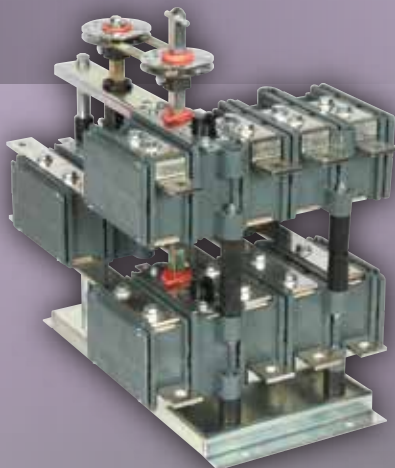
Nominal Rating $I_e$ 415V	Ordering Reference	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
		H	W	D	A	Ø	B
<b>Horizontal Bypass Switches</b>							
63A	ST BYP 6/4	700	500	200	15	M6	280
100A	ST BYP 10/4	700	500	200	15	M6	280
125A	ST BYP 12/4	700	500	200	15	M6	280
160A	ST BYP 16/4	700	500	200	20	M8	280

## Layered Bypass Switches

Designed to minimise panel width and keep each set of cables separated. As standard they facilitate bypass cabling from one direction and equipment from the other. However a variety of cable directions can be catered for.

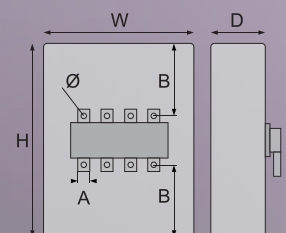
<b>Layered Bypass Switches</b>							
250A	ST BYP 25/4	800	600	400	25	M10	280
315A	ST BYP 30/4	1000	600	400	25	M10	380
400A	ST BYP 40/4	1000	600	400	20	M10	380
630A	ST BYP 63/4	1400	800	500	30	M12	550
800A	ST BYP 80/4	1400	800	500	30	2xM12	550

<b>Layered Bypass Switches in floor standing enclosures</b>							
1000A	ST BYP 100/4	1700	800	600	40	2xM12	570
1250A	ST BYP 125/4	1900	800	600	40	2xM12	670
1600A	ST BYP 160/4	1900	800	600	40	2xM12	670



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:**

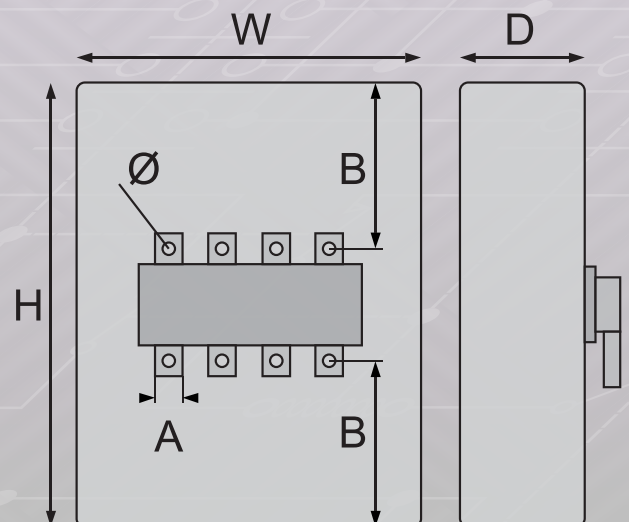
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

**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](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.