

Proline

Sheet Steel Enclosed Switchfuses

Our Proline range is designed to offer cost effective, quality solutions for most indoor applications.

- AC22A Rated 415V Phase-To-Phase, 240V Phase-To-Neutral
- BSEN 60947-3 conformity
- Door interlocked padlockable handles on hinged units
- Alternative pole configurations and auxiliary contacts available
- Removable gland plate top & bottom (knock-outs on SPN units)
- Ingress protection IP41



Nominal Rating I _e 415V	Ordering Reference TP&N	Ordering Reference 4P	Fuse (included)	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
				H	W	D	A	Ø	B
Switchfuses with hinged door									
20A	SF20	SF20-4P	10x38	300	180	110	10 cage		70
32A	SF32	SF32-4P	10x38	300	180	110	16 cage		70
63A	SF63	SF63-4P	A3	395	230	110	20	M8	105
100A	SF100	SF100-4P	A3	395	230	110	20	M8	105
125A	SF125	SF125-4P	A3	395	230	110	20	M8	105

Nominal Rating I _e 240V	Ordering Reference	Fuse (included)	Dimensions (mm) <small>*see inner front cover for reference diagram</small>				
			H	W	D	A	B
Economy SP&N Switchfuses with screw lid and 3rd amendment flap							
63-100A	SFSPN-E (63, 80 & 100A fuse included)	22x58	225	115	82	25 cage	70

SP&N Switchfuses with screw lid (for industrial use)							
63A	SF63SPN	22x58	250	115	60	25 cage	80
80A	SF80SPN	22x58	250	115	60	25 cage	80
100A	SF100SPN	22x58	305	135	60	25 cage	110

SP&N Switchfuses with screw lid and 3rd amendment flap (for industrial use)							
63A	SF63SPN-3A	22x58	250	115	90	25 cage	80
80A	SF80SPN-3A	22x58	250	115	90	25 cage	80
100A	SF100SPN-3A	22x58	305	135	90	25 cage	110

Praline

Sheet Steel Enclosed Isolators

Nominal Rating I _e 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
Load Break Isolators with hinged door								
20A	LB20	LB20-4P	300	180	110	10 cage		130
32A	LB32	LB32-4P	300	180	110	16 cage		130
63A	LB63	LB63-4P	300	180	110	25 cage		130
100A	LB100	LB100-4P	395	230	110	20	M8	145
125A	LB125	LB125-4P	395	230	110	20	M8	145
160A	LB160	LB160-4P	395	230	110	20	M8	145

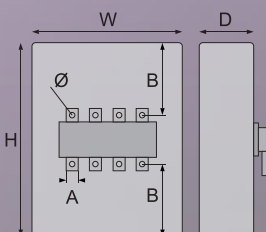


The fireman switch is a switch disconnecter/isolator for special applications. You can often see these switches on the outside wall of commercial buildings. They are designed to be easy to identify and are operated by a fireman's hook to turn off neon-lighting or other hazardous electrical equipment in the event of a fire.

- Die cast aluminium enclosure
- Operates with fireman hook or axe - down for OFF
- Two handed switch ON
- 2 pole 240V AC22A
- 2 x M25 gland entries top and bottom



Nominal Rating I _e 240V	Ordering Reference	Dimensions (mm) <small>*see inner front cover for reference diagram</small>					
		H	W	D	A	Ø	B
Fireman Switch							
25A	FMS25/2	130	109	60	10 cage		50



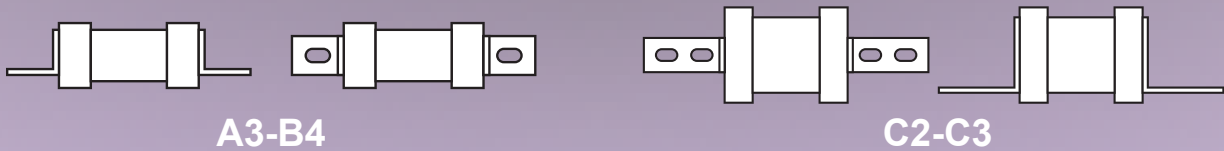
The Praline range is not customisable. See pages 04-05 for options that can feature bespoke requirements including:

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



Additional Information

Fuses: Most of our switchfuses come with standard BS88 gG 415VAC fuses with 80kA fault ratings. Where required we can also supply mG motor rated fuses to be fitted into AC-23 switchfuses, please note however the device being selected should always be chosen based on the upper motor rating of the fuse, i.e. a 100A/125A motor rated fuse should be fitted into a 125A switchfuse rather than a 100A switchfuse to better protect the switchgear.



BS88 Fuse Type	Fixing Distance (mm)	Amp capacities available													
		20A	32A	63A	80A	100A	125A	160A	200A	250A	315A	400A	500A	630A	800A
A3	73	✓	✓	✓	✓	✓	✓								
A4	94			✓	✓	✓	✓								
B2	111			✓	✓	✓	✓	✓	✓	✓	✓	✓			
B3/B4	111			✓	✓	✓	✓	✓	✓	✓	✓	✓			
C2	184/133												✓	✓	✓
C3	184/133												✓	✓	✓

Cylindrical Fuse Size	Amp capacities available				
	20A	32A	63A	80A	100A
(10x38)	✓	✓			
(22x58)			✓	✓	✓



Cylindrical

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:

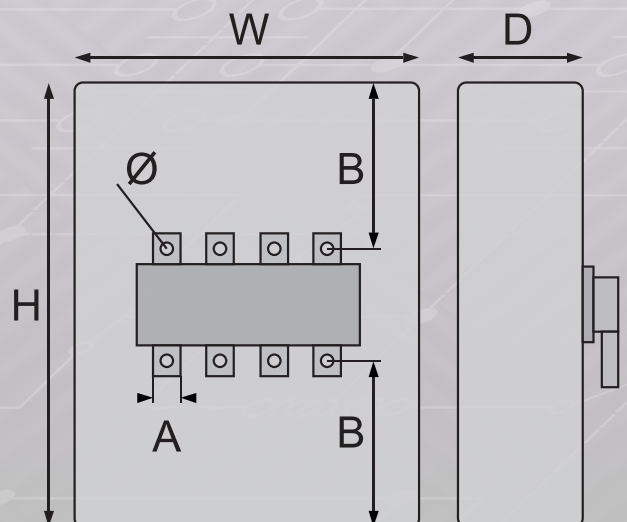
- Standard sheet steel
- Aluminium
- Brass
- Insulation board
- Brushed cable entry

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.