

# Shelter cam switches

in enclosures

The Shelter switch from Santon is a competitive solution for switching electrical circuits in accordance with EN-IEC947-3. The Shelter switch for example is used for the isolation of machines, heating equipment, welding equipment, air conditioning units, lamps, lifts and other machinery.

The Shelter switch is based on the Santon high-grade cam switch range. The switching cells of these cam switches are made of Melamine, which is an ideal material used universally in switching devices and has excellent properties for high resistance to leakage current.

The contacts of the switch are made of a special silver alloy, which is an important factor for its switching properties, these are: High 'On' and 'Off' load switching capacity, good short circuit rating, a long electrical

service life and low contact resistance.

The enclosure of the Shelter Disconnecter and selector switches is manufactured from plastic and has a rating of IP65. These switch enclosures have been designed with the required 'knock outs' for fitting of glands, these are situated on the enclosure base which when wall mounted allows good access for cabling to the switch itself.

Santon manufactures switches for both AC and DC from 10A to 1000A; in enclosures if required and in some instances up to IP68. Santon can also meet your requirements for special switches with customer specific configurations and with a vast array of accessories such as motor drives, door interlocks, auxiliaries, key locking etc.



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**EN-ISO 9001**

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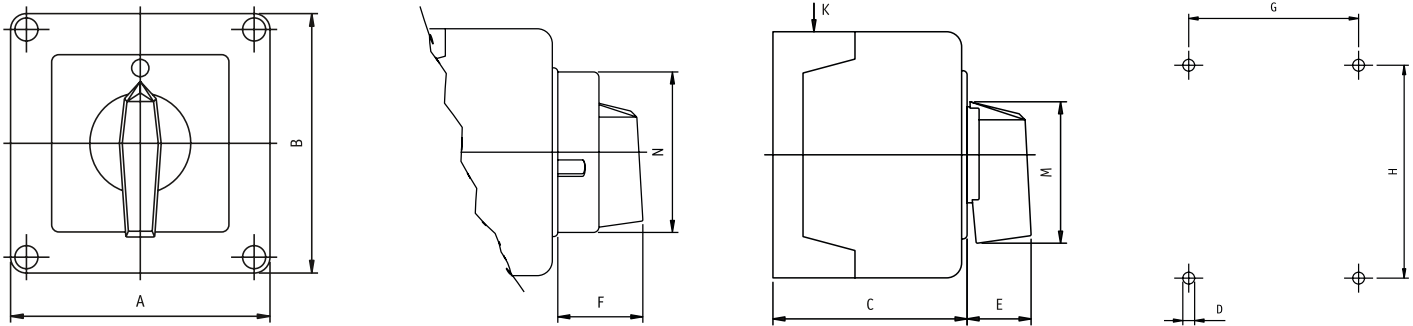
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### Enclosure dimensions

	A	B	C	D	E	F	G	H	M	N	Knock outs
20A (2&3 Pole)	75	75	57,5	4,5	19	27	64	50	39,5	48	2xM20
20A (4&6 Pole)	75	75	79,5	4,5	19	27	64	50	39,5	48	2xM20
25A (2,3&4 Pole)	75	75	79,5	4,5	19	27	64	50	39,5	48	2xM20
25A (6 Pole)	90	90	98	4,5	19	27	63	79	39,5	48	2xM20
32A (2&3 Pole)	90	90	71	4,5	25	30	63	79	50	48	2xM20
32A (4&6 Pole)	90	90	98	4,5	25	30	63	79	50	48	2xM20
40A (2,3&4 Pole)	110	110	84	5,5	32	40	83	99	50	60	2xM25
40A (6 Pole)	110	110	118	5,5	32	40	83	99	50	60	2xM25
63A (2 Pole)	110	110	84	5,5	32	40	83	99	50	60	2xM25
63A (3,4&6 Pole)	110	110	118	5,5	32	40	83	99	50	60	2xM25
125A (2&3 Pole)	180	253	112	5,5	41,5	49	120	239	70,5	90	2xM30,1xM16
125A (4&6 Pole)	180	253	165	5,5	41,5	49	120	239	70,5	90	2xM30,1xM16

Note: • 20A, 25A & 40A units can be supplied in larger enclosures if required

### Order references for Shelter disconnector switches:

Note switches come complete with 1 early break aux as standard

Capacity Pe (KW) at 415V, AC23	Ith A	2 poles non locking	2 poles locking	3 poles non locking	3 poles locking	4 poles non locking	4 poles locking	6 poles non locking	6 poles locking
7,5	20	M1.20.21	M2.20.21	M1.20.31	M2.20.31	M1.20.41	M2.20.41	M1.20.61	M2.20.61
11	25	M1.25.21	M2.25.21	M1.25.31	M2.25.31	M1.25.41	M2.25.41	M1.25.61	M2.25.61
15	32	M1.32.21	M2.32.21	M1.32.31	M2.32.31	M1.32.41	M2.32.41	M1.32.61	M2.32.61
18,5	40	M1.40.21	M2.40.21	M1.40.31	M2.40.31	M1.40.41	M2.40.41	M1.40.61	M2.40.61
30	63	M1.63.21	M2.63.21	M1.63.31	M2.63.31	M1.63.41	M2.63.41	M1.63.61	M2.63.61
45	125	M1.125.21	M2.125.21	M1.125.31	M2.125.31	M1.125.41	M2.125.41	M1.125.61	M2.125.61

Note:

- Padlocking handles are red/yellow as standard
- A 'G' is the suffix added to the reference for a grey padlocking handle
- 3 hole padlocking is standard on sizes 32A and above, 2 hole is the standard for sizes 20A & 25A unless fitted in larger enclosures



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