

Complete key-operated 3-position selector switch S



Ordering code

ST22-	<input type="text"/>	-	<input type="text"/>
			Switches
			10, 20, 30
			01, 02, 03
			11, 12
			21
			Pushbutton type
			SVAV
			SAVA
			SVAC
			SAAA
			SCAC

1 or 2 represents the position of the pusher

S1 - double pusher, divided:

in pos. "I" makes 2 circuits

in pos. "II" makes 1 circuit

S2 - double pusher, divided:

in pos. "I" makes 1 circuit

in pos. "II" makes 2 circuits

Letter A - the position in which the key can be pulled out

Letter V - the position in which the key cannot be pulled out

Letter C - the position from which the key returns automatically.

Description: the first digit represents the number of normally open circuits, the second digit represents the number of normally closed circuits.

Components

Pushbutton actuators

Key-operated 3-position selector switch actuator S

Holders

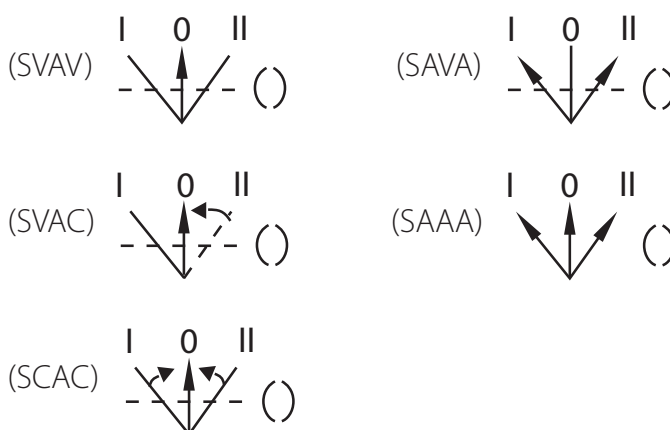
Holder ST22-6609

Switches

Switches ST22 rail-mounted

Standard switches ST22

Diagrams



Technical data

Rated insulation voltage U_i	500 V
Rated continuous current $I_n=I_{th}$	10 A
Rated operational current	2.5 A (230 V)
I_e for AC-15	1.6 A (400/500 V)
Rated operational current	4 A (24 V)
I_e for AC-13	1 A (110 V)
	0.25 A (220 V)
Switch short-circuit protection	10 A (fast fuse link)
	1 kA (prospective short circuit current for $U_e=500$ V)
Mechanical endurance	0.3 mln (transposition cycles)
Electrical endurance	0.2 mln (at rated switching voltages and currents)
	1.0 mln (switching cycles)
	- up to 80 VA (for AC electromagnets)
	- up to 10 W (for DC electromagnets)
Frequency of switching	up to 360 h ⁻¹
Ambient temperature	-40 ... +70°C (work)
	-40 ... +70°C (storage)
Vibration test (acc. to IEC 60068-2-6)	2...13, 2...100 Hz (frequency)
	± 1 mm (amplitude)
	±0.7 g (acceleration)
Shock test (acc. to IEC 60068-2-27)	15 g (peak acceleration)
	11 ms (impulse duration)
Damp heat cyclic test (acc. to IEC 60068-2-30)	55°C (ambient temperature)
	95% (relative humidity)
Salt mist cyclic test (acc. to IEC 60068-2-52)	severity 1
Protection level (Publ. IEC529) of pushbutton actuators after mounting in panel opening	IP65
Wire gauge	2x 1...2.5 mm ² (solid)
	0.75...1.5 mm ² (stranded)
Working position	any
Terminal marking	PN-EN 50013
Compliance with the standard	PN-EN 60947-5-1
	IEC 60947-5-1
	IEC 60947-1

Accessories

Legend plate ST22-1901 for knob or key-operated selector switches

Dimensions

