

## Complete key-operated 2-position selector switch S



### Technical data

Rated insulation voltage $U_i$	500 V
Rated continuous current $I_n = I_{th}$	10 A
Rated operational current $I_e$ for AC-15	2.5 A (230 V) 1.6 A (400/500 V)
Rated operational current $I_e$ for AC-13	4 A (24 V) 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 <sup>-1</sup>
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	2× 1...2.5 mm <sup>2</sup> (solid) 0.75...1.5 mm <sup>2</sup> (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

### Ordering code

SP22-  -

	Switches
	10, 20, 30, 40, 50, 60
	01, 02, 03, 04, 05, 06
	11, 12, 13, 14, 15
	21, 22, 23, 24
	31, 32, 33
	41, 42
	51
	Pushbutton type
SAA	
SAV	
SAC	

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

### Components

#### Pushbutton actuators

Key-operated 2-position selector switch actuator S

#### Holders

Holder SP22-6625

#### Switches

Switches SP22 rail-mounted

Standard switches SP22

### Diagrams



