

## Complete knob-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	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 <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
			Colour
			CZ ● black
			C ● red
			G ● yellow
			Z ● green
			N ● blue
			B ○ white
			Pushbutton type
			P maintained
			PC self-return from right

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

### Components

#### Pushbutton actuators

Knob-operated 2-position selector switch actuator P

#### Holders

Holder SP22-6625

#### Switches

Switches SP22 rail-mounted

Standard switches SP22

### Diagrams



## Dimensions

