

Complete knob-operated 3-position selector switch P3



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 ⁻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	2× 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

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	P3 maintained P3C self-return from right P3CC self-return from right and left
-----------------	---

P31 - double pusher, divided:
in pos. "I" makes 2, 3 or 4 circuits
in pos. "II" makes 1 or 2 circuits

P32 - double pusher, divided:
in pos. "I" makes 1 or 2 circuits
in pos. "II" makes 2, 3 or 4 circuits

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 3-position selector switch actuator P3

Holders

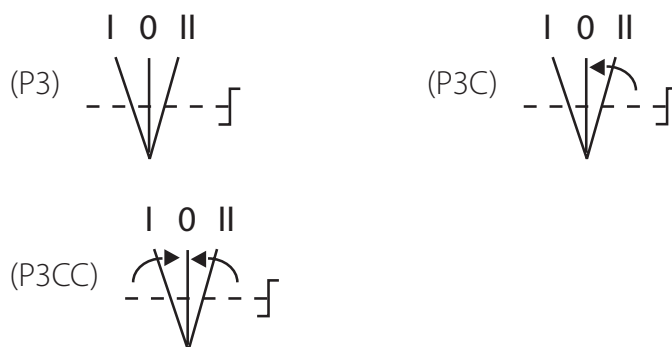
Holder SP22-6625

Switches

Switches SP22 rail-mounted

Standard switches SP22

Diagrams



Dimensions

