

**OVERMOLDED REED SWITCH PK-1400****Description**

Miniature overmolded reed switch «PK-1400» 16mm\*2.9mm\*2.9mm with either straight. It has normally open contact.

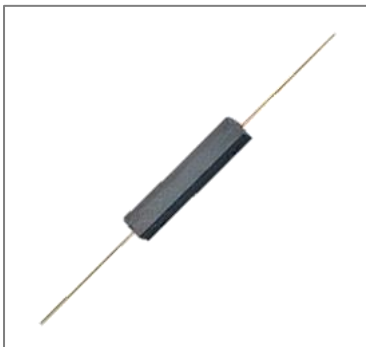
It is intended for switching electric circuits of direct and alternating currents with frequency up to 10 kHz, and for passing of direct current.

**Application**

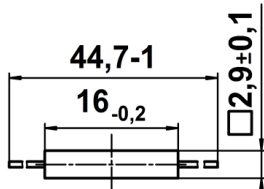
Operated relay contacts, magnetic switches, various sensors in household appliances, industrial and special equipment.

**Benefits**

Overmolded reed switches «PK-1400» differ greater convenience when installing. The glass bulb of a reed switch is additionally protected, which ensures high mechanical strength. In addition, the plastic sheath ensures an intrinsically safe electric circuit when the switching of the reed switch, which may allow its use in explosive environments. Vacuum tweezers easily takes the overmolded reed switch.

**Dimensions**

Dimensions in mm



•Switching current - 1A

•Switching voltage - 200V

•Switching power - 10W, VA

•Pull in range - 8...35 AT

**Electrical data**

Release range AT, min	AT, min	4
Carry current	A	1
Breakdown voltage	V, not less, AC/DC	160/220 180/250
Resetting Ratio		0,35...0,9
Contact resistance,	$\Omega$ , not more	0.15
Operating time including bounce	MS, not more	1
Release time including bounce	MS, not more	0,4
Capacitance	pF, not more	0,7
Insulation resistance	G $\Omega$ , not less	10
Operating frequency	Hz	100
Switching current frequency	kHz, not more	10

**Environmental Data**

Life expectancy, switching cycles	$\times 10^6$ max load power... low load power	0,1...100
Vibration (1...2000 Hz)	g, not more	40
Resonant frequency	Hz	4000
Shock (1±0,3) MS	g, not more	150
Weight	g, not more	0,25
Operating temperature	°C	-60...+155
Humidity	%, not more	98

**Numbering System****PK-1400**

Reed switch MK-14

Sensitivity (Pull-In Range 10-15AT)

Overmolded Reed switches are not marked. Marking is on the package.