



Main Feature

1. From 1 to 3 pole version are available with switching current up to 13A
2. Two types of solder lug terminal width and flanged case are available for customer's various application
3. Touch button and LED version available for customer selection

Application

Telecommunication, Domestic Appliances, Office Machine, Audio Equipment, etc.

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
 - Contact Capacity10A at 250VAC.
 - 13A at 120VAC
 - 13A at 28 VDC
 - Motor1 HP 240 VAC
 - 1/3 HP 120 VAC
- Rated Carrying Current10A
- Max. Allowable Current13A
- Max. Allowable VoltageAC 300V, DC48V
- Max. Allowable Power Force.2500VA, 380W
- Min. Switching LoadDC 10, 10mA
- Contact MaterialAg Alloy.
- Contact Form.....SPST & SPDT
- DPST & DPDT
- TPST & TPDT

Performance (at Initial Value)

- Contact Resistance.....100m Ω Max. @1A, 6VDC
- Operate Time.....15 mSec. Max.(D Type)
- Release Time10 mSec. Max.
- Dielectric Strength :
 - Between Coil & Contact.....1,500VAC at 50/60 Hz
 - for one minute.
 - Between Contacts500VAC at 50/60 Hz
 - for one minute.
- Surge Resistance1,500V (between coil & contact 1.2x50 μ Sec.)
- Insulation Resistance1,000 Mega Ω Min. at 500VDC.

- Max. On/Off Switching :
 - Electrical 30 Ops per Minute.
 - Mechanical 300 Ops per Minute.
- Temperature Range..... -45~70°C (D Type)
- Humidity Range..... 45~85% RH.
- Coil Temperature Rise 50°C Max.
- Vibration :
 - Endurance..... 10 to 55 Hz dual
 - amplitude width 1.5mm.
 - Error Operation..... 10 to 55 Hz dual
 - amplitude width 1.5mm.
- Shock :
 - Endurance 1,000 m/S² Min.
 - Error Operation..... 100 m/S² Min.
- Life Expectancy :
 - Mechanical 10⁷ Operations at No
 - Load condition.
 - Electrical 10⁵ Operations at Rated
 - Resistive Load.
- Weight..... About 85 g.

Coil Specification (at 20°C)

Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption	Pull-In Voltage	Drop-Out Voltage	Maximum Allowable Voltage
RP(VDC)	01	6	186.9	32.1	Abt. 1.5 W	80% Maximum	10% Maximum	110% Maximum
	02	12	100	120				
	03	24	50.8	472				
	04	48	26.7	1800				
	05	110	1.2/1.3	10.000				
RP(VAC) 1P,2P	01	6	1450	4.2	Abt. 2~2.75VA	85% Maximum	30% Maximum	110% Maximum
	02	12	658	18				
	03	24	340	72				
	04	48	167	280				
	05/06	120	65	1.700				
	07/08	220/240	29	7.200				
	RP(VAC) 3P	01	6	1650				
02		12	850	14				
03		24	400	55				
04		48	210	220				
05/06		120	83	1.300				
07/08		220/240	42/45	5.510				

Ordering Information:

RP	-	1	02	D	M	P	F	L,T,D
Number of Pole	Coil-Code	Coil type	Contact Form	Terminal Type	Case Type	LED		
1- One Pole 2- Two Poles 3- Three Poles	01- 6V 02- 12V 03- 24V 04- 48V 05- 110V 06- 120V 07- 220V 08- 240V	D- DC Coil A- AC Coil	Nil- Change-over Contact M- Make contact Only B- Break contact only	P- PCB terminal (width 1.20mm) E- PCB terminal (width 2.35mm) S- Quick connect Tabs (width 4.80mm) W- Quickconnect Tabs (width 6.60mm)	Nil- Standard square Shape F- Top with flanged Case H- Side with flanged case	Nil- Standard relay L- With LED selection T- With touch bottom selection D- With Diode selection		

Note : L, T, D which three item can single choose or multi-choose.

Dimension:

