



## Main Feature

1. From 1 to 3 Pole version are available with high switching current up to 30A.
2. Solder Lug Terminal with Flanged Case are available for customer's various application.

## Application :

Vending Machine, Cooking Appliances, Office Machine, Domestic Appliances, Control Equipment, etc

## Contact Rating :

- Nominal Load (Resistive Load  $\cos \varphi = 1$ )  
Contact Capacity
  - RPT(No Common) .....30A/28VDC.
  - 30A/120VAC.
  - 30A/240VAC.
  - 10A /600VAC.
  - Motor .....1HP 120 VAC.
  - 1 1/2 HP 240 VAC.
  - RPT(1,2,3P) .....13A/28VDC.
  - 25A/120VAC.
  - 20A/240VAC.
  - 10A/600VAC.
  - Motor .....3/4 HP /120VAC.
  - 1HP/240VAC.
- Rated Carrying Current .25 Amps.
- Max. Allowable Current .....30 Amps.
- Max. Allowable Voltage .....AC 300V, DC 48V.
- Max. Allowable Power Force.6000VA, 800W.
- Min. Switching Load .....DC 10V, 10mA.
- Contact Material .....Ag Alloy.
- Contact Form.....SPDT(DB-DM)  
DPST & DPDT  
TPST & TPDT

## Performance (at Initial Value)

- Contact Resistance .....100 m $\Omega$  Max. @1A,6VDC
- Operate Time .....15 mSec. Max.
- Release Time .....10 mSec. Max.
- Dielectric Strength :  
Between Coil & Contact .....1,500VAC at 50/60 Hz  
for one minute.
- Between Contacts .....500VAC at 50/60 Hz  
for one minute.

- Surge Resistance..... 1,500V (between Coil & Contact 1.2x50 $\mu$ Sec.)
- Insulation Resistance..... 1,000 Mega $\Omega$  Min. at 500VDC.
- Max. On/Off Switching :  
Electrical ..... 30 Ops per Minute.  
Mechanical ..... 300 Ops per Minute.
- Temperature Range..... -45~70°C
- 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/S<sup>2</sup> Min.  
Error Operation..... 100 m/S<sup>2</sup> Min.
- Life Expectancy :  
Mechanical ..... 10<sup>7</sup> Operations at No  
Load condition.
- Electrical ..... 10<sup>5</sup> Operations at Rated  
Resistive Load.
- Weight ..... About 90 g.

## Safety Standard & Its File Number

- C-UL..... E175730

## Coil Specification (at 20°C)

Coil Sensitivity	Coil Voltage Code	Nominal Voltage	Nominal Current (Ma)	Coil Resistance ( $\Omega \pm 10\%$ )	Power Consumption	Pull-In Voltage	Drop-Out Voltage	Max.Allowable Voltage
RPT(VDC)	01	6	186.9	32.1	Abt.15	80% Maximum	10% Minimum	110%
	02	12	100	120				
	03	24	50.8	472				
	04	48	26.7	1800				
	05	115/125	1.2/1.3	10000				
RPT(VAC) 1P,2P	01	6	1450	4.2	Abt. 2~2.75VA	85% Maximum	30% Minimum	110%
	02	12	650	18				
	03	24	340	72				
	04	48	167	280				
	05	110/120	65	1700				
	06	220/240	29	7200				
RPT(VAC) 3P	01	6	1650	3.2	Abt. 2.5~3VA	85% Maximum	30% Minimum	110%
	02	12	850	14				
	03	24	400	55.21				
	04	48	210	217				
	05/06	110/120	83	1295.5				
	07/08	220/240	42/45	5510				

## Ordering Information:

RPT	-	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- DCCoil 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 4.8mm) 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:

