



Features

- 30A switching capability.
- Ambient temp:-40°C to 125°C.
- 1 form A and 1form C contacts.
- Sealed IP 67 and covered structure.

ORDERING INFORMATION

Type	PR119/ 012 1A
Coil voltage:	6,12, 24VDC
Contact arrangement:	1A:1 Form A; 1C: 1 Form C

CONTACT DATA

Contact Arrangement		1 A	1C
Max. Switching current		30 A	
Max. Switching Voltage		14VDC	
Contact Rating (resistive)		20A/30A 24VDC	
Max. Switching Power		720 W	
Contact Material		AgSnO ₂	
Initial Contact Resistance		50m Ω	
Operational life	Electrical	1 × 10 ⁵ ops	
	Mechanical	1 × 10 ⁶ ops	

COIL DATA

Standard Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max Allowable Overdrive VDC 20°C	Coil Resistance Ω
12	8.4	1.2	9.0	80 ± 10%
24	16.8	2.4	18.0	320 ± 10%

Sensitive Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max Allowable Overdrive VDC 20°C	Coil Resistance Ω
12	8.4	1.2	9.0	120 ± 10%
24	16.8	2.4	18.0	480 ± 10%

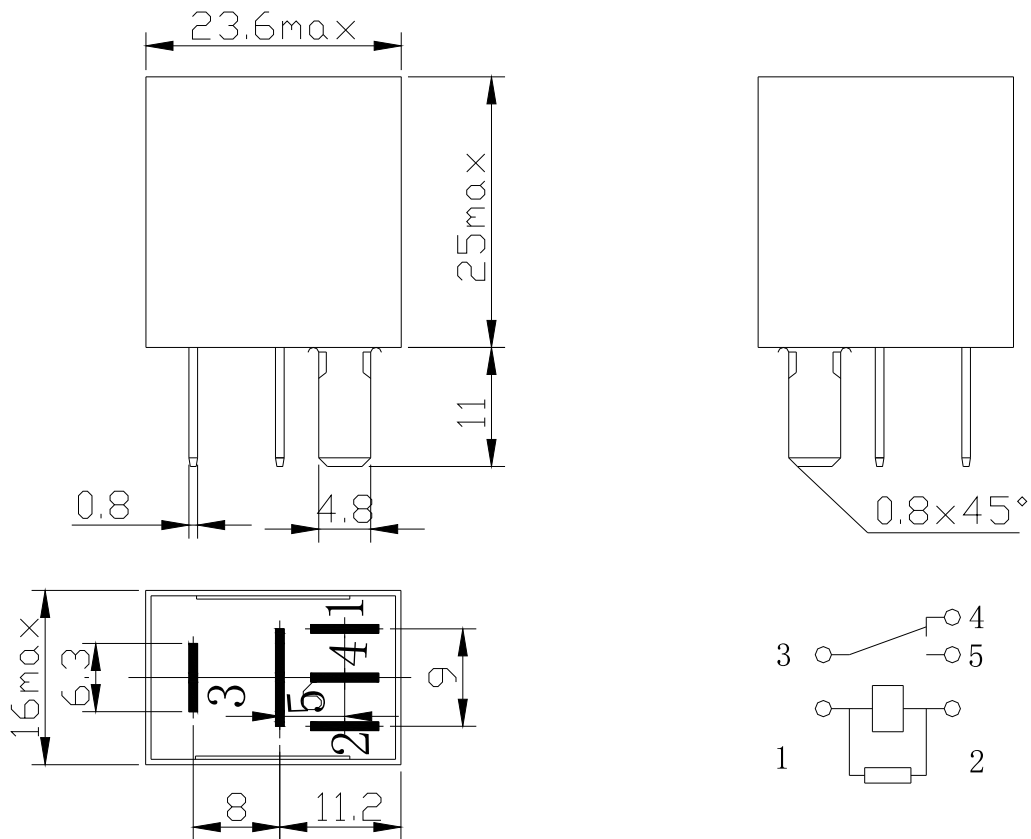
CHARACTERISTICS

Initial Insulation Resistance	500M Ω ,500VDC
Dielectric Strength	500VAC
Operate time(at nomi.Volt.)	10ms
Release time(at nomi.Volt.)	10ms
Power Consumption	1.2W/1.8W
Destructive	98m/s ² (10g)
Shock Resistance	1.3mm, 5to55 Hz
Storage Temperature	-40 $^{\circ}$ C to +105 $^{\circ}$ C
Ambient Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Unit weight	12g
Termination	PCB and Plug-in

Dimensions

mm

Outline Dimensions



Mounting (Bottom views)

Wiring diagram (Bottom views)