Power Relays







Features

- Low profile, flat type relay
- Max. Switching capacity: 15A
- Tungsten lamp load: 10A 125V AC
- · High sensitivity 200mW
- Dimensions: 23mm×16.1mm×10.2mm

Specifications

Insulation Resistance		Min. 1000MΩ 500V DC	
Dielectric Strength	Between open contacts	750V AC, 1min.	
	Between coil and contacts	2,500V AC, 1min.	
Operate Time		Max. 15ms	
Release Time		Max. 8ms	
Operating Temperature		-40°C to +85°C	
Humidity		35 ~ 95%RH, +40°C	
Shock Resistance	Endurance	1,000m/s ²	
	Misoperation	100m/s ²	
Vibration Resistance	Endurance	10~55Hz, 1.5mm double amplitude	
	Misoperation	10~55Hz, 1.5mm double amplitude	
Weight		Approximately 9.0g	

Contact Data

Contact Form		1 Form A	
Contact Material		Ag Alloy	
Contact Rating		15A 125V AC 10A 250V AC/24V DC	
Contact Resistance		Max. 100mΩ (6V DC 1A)	
Load	Min. Switching Voltage	250V AC/30V DC	
	Max. Switching Current	16A	
	Max. Switching Power	4,000VA, 480W	
	Max. Switching Load	5V DC, 100mA	
Electrical Life		100,000 operations	
Mechanical Life		10,000,000 operations	

Coil Data

Nominal Coil Power	200mW
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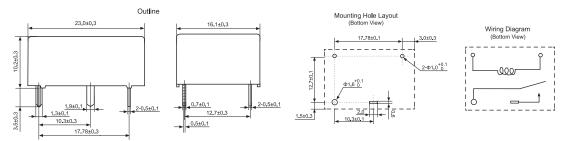
Power Relays



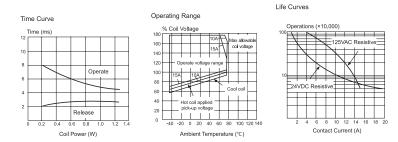
Coil Data

Part Number	Nominal Voltage V DC	Coil Resistance Ω±10%	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power mW
MP-V6-S-DC5V	5	125	3.75	0.5	
MP-V6-S-DC12V	12	720	9	1.2	200
MP-V6-S-DC24V	24	2880	18	2.4	

Wiring Diagram, Mounting Hole Layout



Reference Data



Part Number Table

Description	Part Number	
Relay PCB NO 5V DC	MP-V6-S-DC5V	
Relay PCB NO 12V DC	MP-V6-S-DC12V	
Relay PCB NO 24V DC	MP-V6-S-DC24V	

Dimensions: Millimetres

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