Industrial control relay socket

MK
General Purpose Relay



Relay



Socket



Relay module

MK □□-□□

- **Coil voltage**
  6~110VDC
  6~240VAC
- **Options**
  Nil:Without LED
  L: LED(AC is red,DC is green)
- **The wiring diagram form**
  Nil:Standard
  -1
  2-1
  5-1
- **Contact form**
  2P: 2 changeover
  3P: 3 changeover
- **Series Name**

Specification

Contact	Contact form	2P	3P
	Resistive (AC-1)	10A/250VAC 30VDC(resistive RES) 7A/250VAC 30VDC(inductive GEN)	
	Operating power(Resistive)	2500VA,300W	
	Contact resistance(Initial)	≤50mΩ	
	Material	Ag alloy	
	Electrical endurance	⩾10^5cycles(1800 Ops/h)	
	Mechanical endurance	⩾10^7cycles(18000 Ops/h)	
Pick-up voltage (23℃)		⩽80%Rated voltage	
Drop-out voltage (23℃)		DC:⩾15%Rated voltage,AC:⩾30%Rated voltage	
Max.Allowed voltage((25℃)		110%Rated voltage	
Insulation resistance		⩾ 500mΩ(500VDC)	
Coil power consumption	DC(W)	1.5	
	AC(VA)	2.7	
Operate time(at nominal voltage)		⩽30ms	
Release time(at nominal voltage)		⩽20ms	
Initial dielectric strength	Between contacts	1000VAC/1min (Leakage current 1 mA)	
	Between poles	2500VAC/1min(Leakage current 1 mA)	
	Between contact and coil	2500VAC/1min(Leakage current 1 mA)	
Ambient temperature		-10~+55℃	
Humidity		35%~85%RH	
Atmospheric Pressure		86~106KPa	
Shock resistance		10G(Half a wave of pulses of sine:11ms)	
Vibration resistance		10~55Hz Dual amplitude:1.5mm	
Installation mode		Plug-in terminals	
Weight		Approx.75g	
Matched relay socket		10F-2Z-C1 10F-2Z-C2 10F-2Z-C3 10F-2Z-C4	10F-3Z-C1 10F-3Z-C2 10F-3Z-C3 10F-3Z-C4
Equivalent Product	OMRON	MK2P	MK3P
	finder	60.12	60.13

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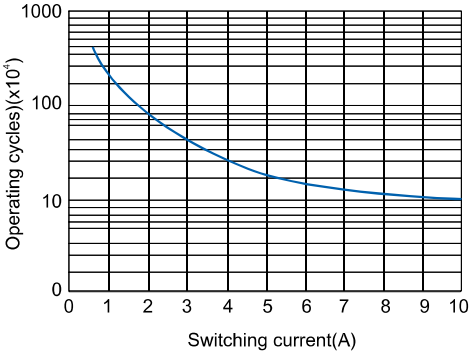
CE

Coil Specifications (23°C)

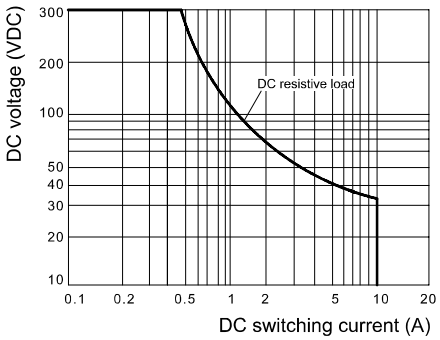
Rated voltage V.DC	6	9	12	24	36	48	100	110	220		
Coil resistance (±10%)	23.7	54	96	430	860	1640	6850	7360	29500		
Rated voltage V.AC	6	9	12	24	36	48	100	110	200	220	240
Coil resistance (±10%)	3.9	9	17	62.5	144	305	1020	1250	4550	5170	6500

Contact Specification

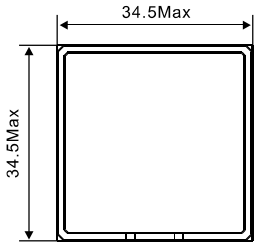
Electrical endurance 250VAC Resistance load

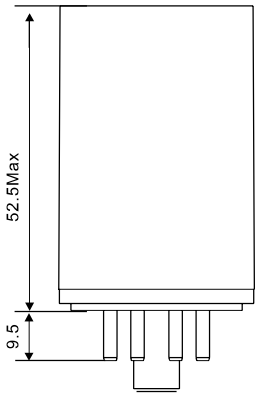


Maximum switching capacity on resistive load

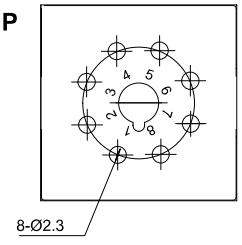


Dimensions (mm)

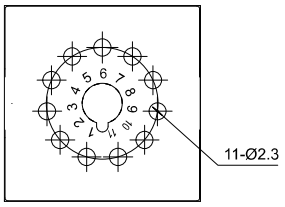




MK-2P

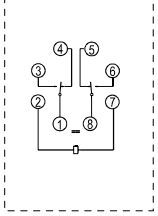


MK-3P

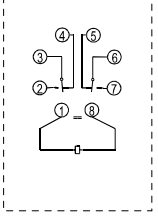


Wiring Diagrams

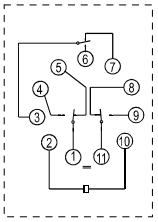
MK-2P-1



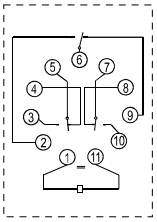
MK-2P2-1



MK-3P-1



MK-3P2-1



MK-3P5-1

