



Smart Control

1 to 12 channel Relay Module

Specifications:-

Input Voltage	:	12V / 24V * (* specify volt while ordering)
Coil Resistance	:	1100 Ohms Contact
Rating	:	10A resistive load

General conditions

Relay Type	:	PCB mount
Relay Make	:	OMRON
Relay Approval	:	UL, CSA, SEV SEMKO, VDE, TUV
Contact Resistance (Initial)	:	50 MilliOhms
Current @250V AC/24VDC	:	10A (resistive)
Normal Coil Power	:	1.5W
Operating Power	:	0.75W
Indication	:	Red colour LED indication for ON condition
PCB Track thickness	:	70 Micron copper Track + 20 Micron etch reflow
Terminal Block	:	5mm PCB mounted Connectors
Wire size	:	2.5 mm ²
DC conversion	:	Full wave rectification model.
Mounting method	:	DIN RAIL Mount
Insulation Resistance	:	1000 Mega. Ohms at 500VDC, 25 C, RH50
Operate time Nominal Voltage	:	15 milli sec (Max)
Release time Nominal Voltage	:	10 milli sec (Max)
Ambient Temperature	:	-45 C to +70 C
Relay Life Expectancy	:	
Mechanical	:	1000000 operations
Electrical	:	1000000 operations
Dielectric Strength	:	

5,000 VAC, 50/60 Hz for 1 min between coil and contacts

1,000 VAC, 50/60 Hz for 1 min between contacts of same polarity