



**AR-S8-24V-1CO**

**FEATURES**

- 24V DC, 40mA for 8 relays, each relay ON at 24V DC, 10mA
- 8 Relay outputs with NO/NC contact rating: 10A resistive/1A inductive  
minimum switching time: 10ms

**Technical Specifications**

**Relay**

**Contact Data**

Contact Arrangement	1 Pole
Contact Resistance	50 mΩ (at 1A, 24V DC)
Contact Rating	Resistive: 10A 277V AC / 30V DC / TV-120V AC
Max. Switching Voltage	277V AC, 30V DC
Max. Switching Current	10A
Max. Switching Power	2770V AC / 300W

**Coil Data at 23°C**

Coil Power	Approx. 530mW
Coil nominal Voltage	24V DC
Pick-up Voltage	18V DC
Drop-out Voltage	2.4V DC
Maximum Allowable vtg	33.6V DC
Coil Resistance	1100 x (1± 10%)

**Characteristics**

Insulation Resistance	1000 MΩ (at 500V DC)
Dielectric Strength between coil & contact	5000V AC 1min
Dielectric Strength between open contact	1000V AC 1min
Operating Time (At nominal Voltage)	15 ms max.
Release Time (At nominal Voltage)	5 ms max.
Vibration Resistance	10 Hz to 55Hz 1.5mm DA
Humidity	98% RH, +40°C Ambient
Temperature	-40°C to +85°C
Weight	Approx. 18 gms

**Terminal Block**

**Electrical Characteristics**

Voltage Rating	250V for 2Pole 400V for 3Pole
Current Rating	24A for 2 Pole 16A for 3 Pole
Wire Range(AWG)	12-26 for 2 Pole 12-24 for 3 Pole
Torque (Nm)	0.5 for 2Pole 0.4 for 3Pole
Screw	M3.0, Steel (Q235), Zinc Plated for 2 Pole M2.5, Steel (Q235), Zinc Plated for 2 Pole

**Safety Standards**

**Safety Approval Rating for Relay**

UI & CUL	10A, 277V AC 10A, 30V DC 1/3HP 250V AC 1/4HP 125V AC TV-5 120V AC
TUV	10A, 250V AC 10A, 30V DC
Housing Insulator (Thermoplastic)	UL94V-0