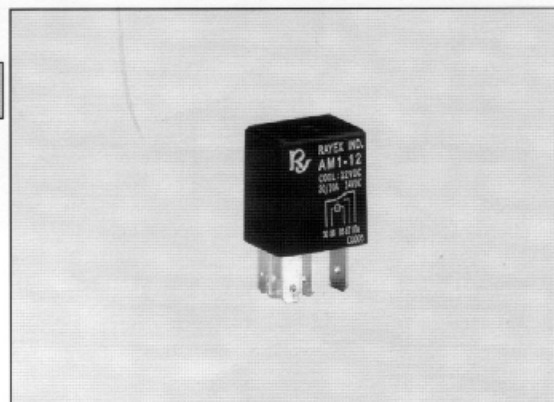


FEATURES

- 16A continuous contact rating at 85
- Small size (22x15.8x24.1mm) with high performance
- Using at air conditioner, electrical heater, remote-controlled TV, automatic control and household electric devices.



ORDERING INFORMATION

AM1 A — 12
1 2 3

1. Type
2. Contact Arrangement
Nil : 1 Form C (1PDT)
A : 1 Form A (1PST-NO)
3. Coil Nominal Voltage

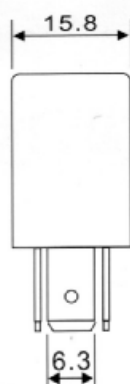
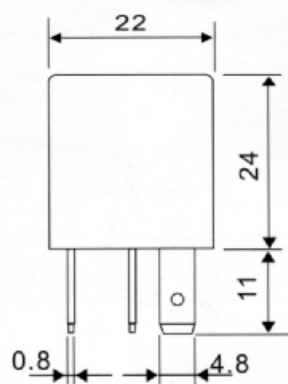
CONTACT RATING

1 FORM A (1PST)	Resistive (Cos.θ = 1)	DC 14V	20A
1 FORM C (1PDT)	Resistive (Cos.θ = 1)	NO:DC 14V / 20A	NC:DC 14V / 10A

COIL DATA(1.2W~1.5W, at 25°C)

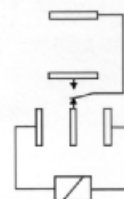
Coil Nominal Voltage (VDC)	Resistance ± Tol.10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)		Minimum Drop Out Voltage (V)	
	1 A	1 C	1 A	1 C	1 A	1 C	1 A	1 C
6	32	25	187.5	240	3.6	3.6	0.6	0.6
12	124	98	96.8	122	7.2	7.2	1.2	1.2
24	483	389	49.7	61.7	14.4	14.4	2.4	2.4

DIMENSIONS(mm)



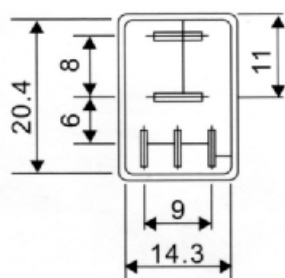
WIRING DIAGRAM
(BOTTOM VIEW)

1 Form C

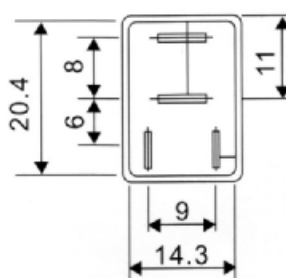


P.C.B LAYOUT
(BOTTOM VIEW)

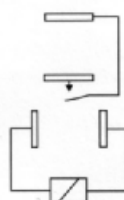
1 Form C



1 Form A



1 Form A



GENERAL DATA

Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	1,000 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard. Ag Al ₂ O ₃
Contact Resistance	100 milliohms max. (initial value)
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	6 ms max.
Release Time	3 ms max.
Temperature Range	- 40°C ~ + 85°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	15 grams