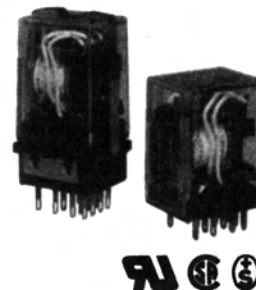


MY

General Purpose Relay

7 RELAYS



Features

- Ultra-high sensitivity relay with quick response
- Designed small, 2- and 3-pole types break 5 A loads and 4-pole type, 3 A load
- High reliability, long life
- High vibration/shock resistance
- Relays with LED indicator, push-to-test button, upper mounting bracket, bifurcated contacts, and latching coil are available

Contact Data

Contact ratings

DPDT/Standard: 5 A, 240 VAC, 28 VDC (Resistive); 2 A, 220 VAC, 24 VDC (Inductive);

1/8 HP, 265 VAC

DPDT/Latching: 3 A, 240 VAC, 28 VDC (Resistive)

3PDT: 5 A, 240 VAC, 28 VDC (Resistive); 2 A, 220 VAC, 24 VDC (Inductive)

4PDT: 3 A, 220 VAC, 24 VDC (Resistive); 0.8 A, 220 VAC, 1.5 A, 24 VDC (Inductive);

5 A, 240 VAC, 28 VDC (Resistive)

Maximum operating voltage 250 VAC, 125 VDC

Maximum operating current

DPDT/3PDT: 5 A

4PDT: 3 A

Maximum switching capacity

DPDT/3PDT, Resistive: 1,100 VA, 120 W

4PDT, Resistive: 660 VA, 72 W

Minimum permissible load

1, 2 and 3 Pole types: 100mA, 5 VDC

4 Pole types: 1mA, 1 VDC

Bifurcated types: 100µA, 1 VDC

Coil Data (% of rated voltage)

Pickup voltage 80% max.

Dropout voltage 30% min. (AC); 10% min. (DC)

Set voltage 80% max. (MY2K)

Reset voltage 80% max. (MY2K)

Maximum voltage 110%

Characteristic Data

Initial contact resistance 50mΩ max.

Insulation resistance 100MΩ min. (at 500 VDC)

Dielectric strength

Single contact type: 2,000 VAC, 50/60 Hz for 1 minute

Between contacts of same polarity: 1,000 VAC, 50/60 Hz for 1 minute

Bifurcated contact type: 1,500 VAC, 50/60 Hz for 1 minute

(1,000 VAC, 50/60 Hz for 1 minute between non-continuous contacts)

Service life

Mechanical: 20,000,000 operations min.

Electrical: DPDT/3PDT: 500,000 operations min. at 5 A, 220 VAC, 24 VDC (Resistive);

2 A, 220 VAC, 24 VDC (Inductive)

4PDT: 200,000 operations min. at 3 A, 220 VAC, 24 VDC (Resistive);

0.8 A, 220 VAC (Inductive); 1.5 A, 24 VDC (Inductive)

Construction Data

Termination Plug-in/solder terminals or PC board terminals

Weight 1.23 oz. (35 g)

Packaging method Trays

Ordering Information

Part number	Rated voltage (V)	Coil res. (Ohms)	Power	Contact rating	Type
MY2-DC12	12 DC	160	0.9 W	5 A	DPDT
-DC24	24 DC	650	—	5 A	Standard
-AC24	24 AC	180	1.2 VA	5 A	Plug-in/ Solder
-AC110/120	110/120 AC	4,430	—	5 A	—
-AC220/240	220/240 AC	18,790	—	5 A	—
MY2-02-DC12	12 DC	160	0.9 W	5 A	DPDT
-DC24	24 DC	650	—	5 A	Standard
-AC24	24 AC	180	1.2 VA	5 A	PCB
-AC110/120	110/120 AC	4,430	—	5 A	—
-AC220/240	220/240 AC	18,790	—	5 A	—
MY2F-DC12	12 DC	160	0.9 W	5 A	DPDT
-DC24	24 DC	650	—	5 A	Upper Mounting
-AC24	24 AC	180	1.2 VA	5 A	Bracket
-AC110/120	110/120 AC	4,430	—	5 A	Plug-in/ Solder
-AC220/240	220/240 AC	18,790	—	5 A	—
MY2N-DC12	12 DC	160	0.9 W	5 A	DPDT
-DC24	24 DC	650	—	5 A	LED
-AC24	24 AC	180	1.2 VA	5 A	Indicator
-AC110/120	110/120 AC	4,430	—	5 A	Plug-in/ Solder
-AC220/240	220/240 AC	18,790	—	5 A	—
MY3-DC12	12 DC	160	0.9 W	5 A	3PDT
-DC24	24 DC	650	—	5 A	Standard
-AC24	24 AC	180	1.2 VA	5 A	Plug-in/ Solder
-AC110/120	110/120 AC	4,430	—	5 A	—
-AC220/240	220/240 AC	18,790	—	5 A	—
MY3-02-DC12	12 DC	160	0.9 W	5 A	3PDT
-DC24	24 DC	650	—	5 A	Standard
-AC24	24 AC	180	1.2 VA	5 A	PCB
-AC110/120	110/120 AC	4,430	—	5 A	—
MY4-DC12	12 DC	160	0.9 W	3 A	4PDT
-DC24	24 DC	650	—	3 A	Standard
-AC24	24 AC	180	1.2 VA	3 A	Plug-in/ Solder
-AC110/120	110/120 AC	4,430	—	3 A	—
-AC220/240	220/240 AC	18,790	—	3 A	—
MY4-02-DC12	12 DC	160	0.9 W	3 A	4PDT
-DC24	24 DC	650	—	3 A	Standard
-AC24	24 AC	180	1.2 VA	3 A	PCB
-AC110/120	110/120 AC	4,430	—	3 A	—
-AC220/240	220/240 AC	18,790	—	3 A	—
MY4F-DC12	12 DC	160	0.9 W	3 A	4PDT
-DC24	24 DC	650	—	3 A	Upper Mounting
-AC24	24 AC	180	1.2 VA	3 A	Bracket
-AC110/120	110/120 AC	4,430	—	3 A	Plug-in/ Solder

Note: 1. Other coil voltages available.