

O/E/N 43

MINIATURE POWER RELAY

- Smallest size (18.5 x 10.2 x 15.6)
- 5A Switching Capacity
- 1 Form A, 1 Form C
- Surge resistiveness 10,000V
- Creepage distance of 6.5mm
- Sealed

SPECIFICATIONS

| | |
|---|---|
| Contact Arrangement | :1 Form A & Form C |
| Contact Material | :Silver alloy |
| Contact Rating | |
| Rated Voltage | :230 VAC/24 VDC |
| Maximum Voltage | :230 V AC/30 V DC |
| Maximum Continuous Current at 230VAC/ 24VDC | :NO - 5 Amps :NC - 3 Amps |
| Maximum Switching Current | :10Amps |
| Maximum Power Rating | :1250VA |
| Nominal Coil Power | :0.2W (approx) |
| Operating Power | :0.15W (approx) |
| Life Expectancy | |
| Mechanical | :10 ⁷ operations |
| Electrical | :10 ⁵ operations |
| Contact Resistance (Initial) | :50 milli Ohms |
| Dielectric Strength | |
| Between Contacts & Coil | :2500 VRMS |
| Between Open Contacts | :1000 VRMS |
| Insulation Resistance | :100 Meg. Ohms at 500VDC, 25 ⁰ C, RH50 |
| Operate time at Nominal Voltage | :8 milli sec. (Typ) |
| Release time at Nominal Voltage | :5 milli sec. (Typ) |
| Ambient Temperature | :-40 ⁰ C to + 85 ⁰ C |
| Weight | :6 gms (approx) |

Typical applications

Home Appliances, Office Automation, Microwave Ovens, Audio Equipment Timers etc.

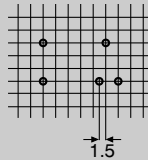
All dimensions are in mm. Specifications subject to change without notice. Tolerance unless otherwise specified is ± 10%

COIL DATA

| Nominal Voltage VDC | Pick-up Voltage VDC (Max) | Drop-out Voltage VDC (Min) | Coil Resistance at 25 ⁰ C Ohms ± 10% |
|---------------------|---------------------------|----------------------------|---|
| 12 | 9.0 | 1.2 | 720 |
| 12* | 9.0 | 1.2 | 320 |
| 24 | 18 | 2.4 | 2880 |
| 24* | 18 | 2.4 | 1280 |

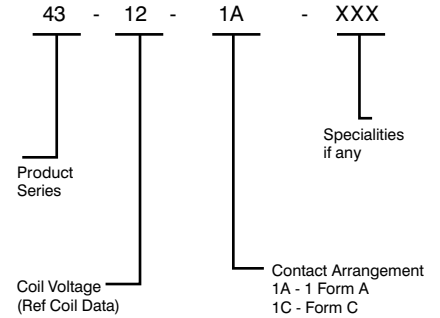
* For 1 Form C Relays

DRILLING PATTERN

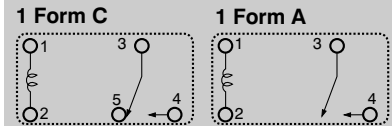


View : Terminal Side

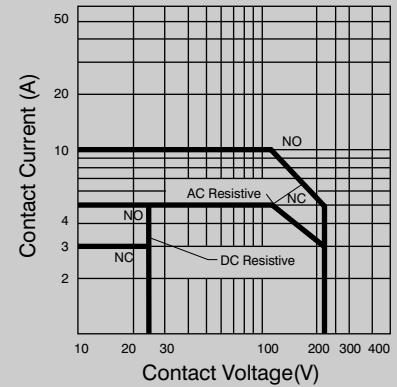
HOW TO ORDER



CIRCUIT DIAGRAM



Limiting Curve for Power Load



DIMENSIONS

