

O/E/N 48

MINIATURE POWER RELAY

- International Standard Foot Print
- Compact High Performance
- Direct PCB type
- Dust Protected / Sealed
- Creepage distance $\geq 8\text{mm}$
- UL Approved (E209843)
- Suitable DIN Rail and PCB Sockets available

SPECIFICATIONS

Contact Arrangement	: 2 Form A, 2 Form C
Contact Material	: Silver Alloy
Contact Rating	
Rated Voltage	: 230 VAC/24 VDC
Max. Switching Voltage	: 440 VAC/220 VDC
Max. Continuous Current at 230 VAC/24 VDC	
2 Form A	: 10 A
2 Form C	: 8 A
Max. Power Rating	
2 Form A	: 2500 VA
2 Form C	: 2000 VA
Nominal Coil Power	: 0.53 W (approx)
Life Expectancy	
Electrical	: 10^5 operations
Mechanical	: 10^6 operations
Contact Resistance (Initial)	: 100 milli Ohms
Dielectric Strength	
Between Contact & Coil	: 4000 VRMS
Between Open Contacts	: 1000 VRMS
Insulation Resistance	: 500 MegaOhms at 500VDC, 25°C, RH50
Operate time at Nominal Voltage	: 10 milli sec.(Typ)
Release time at Nominal Voltage	: 5 milli sec.(Typ)
Ambient Temperature	: -40°C to $+70^{\circ}\text{C}$
Weight	: 20 gms (approx)

For Suitable Sockets Refer Socket Section

Typical applications

Industrial Electronics, PLCs, Timers, Office Automation, UPS, Home Appliances etc.

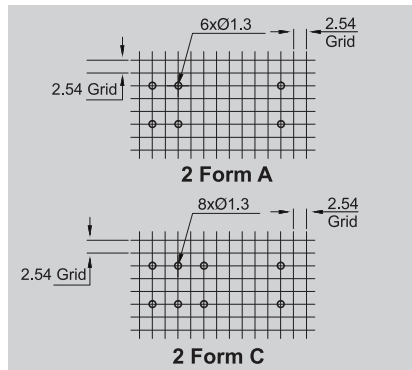
All dimensions are in mm. Specifications subject to change without notice. Tolerance unless otherwise specified is $\pm 10\%$.

COIL DATA

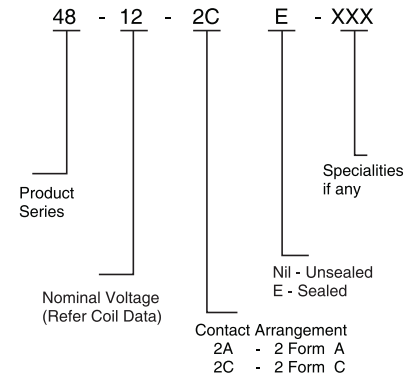
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Resistance Ohms $\pm 10\%$
6	4.8	0.6	70
12	9.5	1.2	270
24	19.6	2.4	1100
48	39.2	4.8	4400
110	88.0	11.0	25000

Special coils available on request

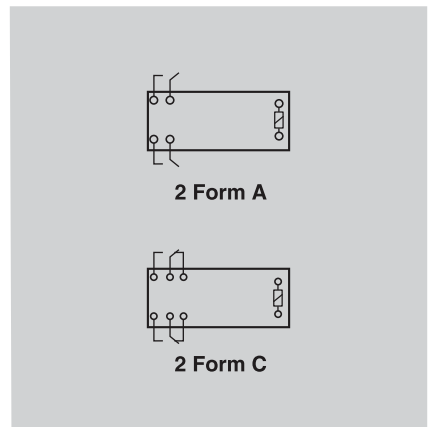
DRILLING PATTERN



HOW TO ORDER



WIRING DIAGRAM



DIMENSIONS

