

# 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	: $-40^{\circ}\text{C}$ 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.

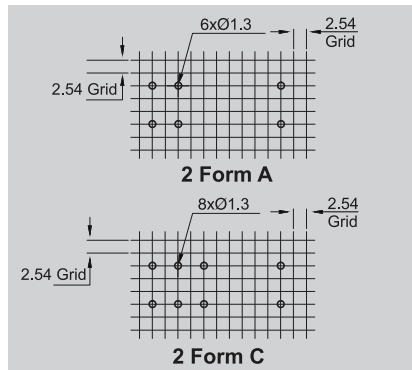
All dimensions are in mm. Specifications subject to change without notice. Tolerance unless otherwise specified is  $\pm 10\%$ .

### COIL DATA

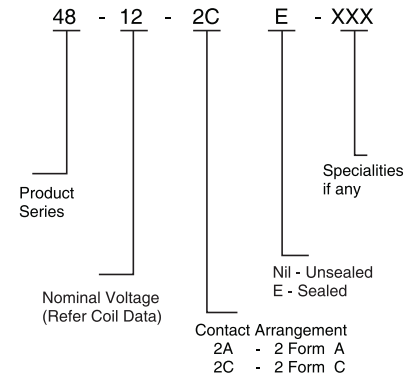
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Resistance Ohms $\pm 10\%$
6	4.8	0.6	70
12	9.5	1.2	270
24	19.6	2.4	1100
48	39.2	4.8	4400
110	88.0	11.0	25000

Special coils available on request

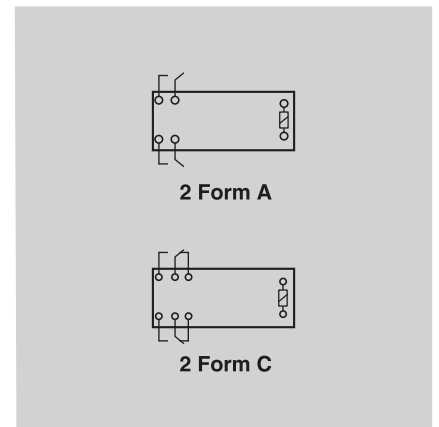
### DRILLING PATTERN



### HOW TO ORDER



### WIRING DIAGRAM



### DIMENSIONS

