

Contact Arrangement :2 Form A, 2 Form C

Contact Material :Silver Alloy

Contact Rating

Rated Voltage :230 V AC/24 VDC

Maximum Voltage :440 V AC/220 V DC

Maximum Continuous Current at 230VAC/24VDC

> 2 Form A :10A 2 Form C :8A

Maximum Power Rating

2 Form A :2300VA

2 Form C :1840VA

Nominal Coil Power :0.5W (approx)

Operating Power :0.4W (approx)

Life Expectancy

Electrical

Mechanical :10 <sup>7</sup> operations

Contact Resistance (Initial) :50 milli Ohms

Dielectric Strength

Between Contacts & Coil :4000 VRMS

Between Open Contacts :1000 VRMS

Insulation Resistance :500 Meg.Ohms at

500VDC,25<sup>0</sup>C,RH50

:10 <sup>5</sup> operations

Operate time at

Nominal Voltage :10 milli sec.(Max)

Release time at Nominal Voltage

age :5 milli sec.(Max)

Ambient Temperature :-45  $^{0}$  C to +70 C

Weight :20 gms (approx)

#### For Suitable Sockets Refer Socket Section

#### Typical applications

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

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

# **0/E/N 48**

# MINIATURE POWER RELAY

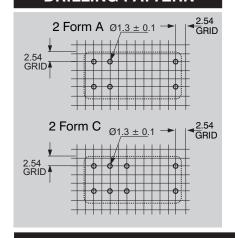
- International Standard Foot Print
- Compact High Performance
- Direct PCB type
- Dust Protected / Sealed
- Creepage distance ≥ 8mm
- UL & CSA Approved
- Suitable DIN Rail and PCB Sockets Available

## **COIL DATA**

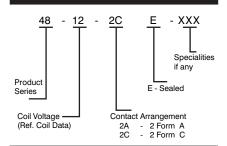
Nominal Voltage VDC	Pick-up	Drop-out	Coil Resistance
	Voltage VDC (Max)	Voltage VDC (Min)	± 10%
6	4.7	0.6	70
12*	9.5	1.2	200
12	9.5	1.2	275
24*	19.0	2.4	800
24	20	2.4	1100
48	38	4.8	4400

\*On request

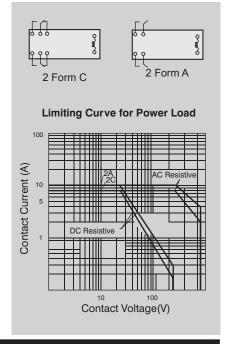
## **DRILLING PATTERN**



# **HOW TO ORDER**



#### **CIRCUIT DIAGRAMS**



## **DIMENSIONS**

