

New

O/E/N 45

INDUSTRIAL PCB RELAY

FEATURES

- Rated upto 5 A
- Dielectric upto 1200VRMS
- Small relay
- Direct PCB Mountable

APPLICATION

- Home Automation
- Power conditioning equipment
- Measuring and control instruments
- Other PCB application

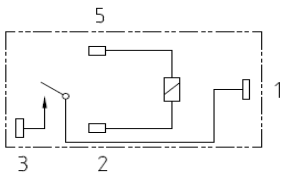
TECHNICAL DATA FOR CONTACT SIDE

Areas of Application		**Resistive/ Inductive load**
Contact Configuration	:	1 Form A (1 NO), 1 Form C (1 CO)
Contact Material	:	Silver Alloy
Contact Rating at 23° C – 230VAC/28VDC	:	5A
Electrical life in No. of Operations Min.	:	1×10^5
Mechanical life in No. of Operations Min.	:	1×10^6
Voltage Drop between terminals At 10A (Max.)	:	250mV

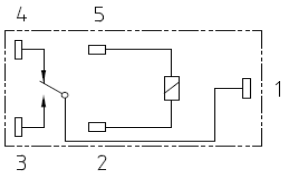
GENERAL DATA FOR COIL SIDE

Nominal Coil Power	:	0.36W (Approx)
Operate Time	:	10 milli Seconds (Typ)
Release Time	:	10 milli Seconds (Typ)

WIRING DIAGRAM



1 FORM A



1 FORM C

OPERATING CONDITIONS

Ambient Temperature	:	-40° C to +70° C
Dielectric Strength		
Between Open Contacts	:	1000 VRMS
Between Contact and Coil	:	1200 VRMS
Insulation Resistance	:	100 MegaOhms At 500 VDC, 25° C RH 50%
Weight	:	4.25gms Max.

HOW TO ORDER

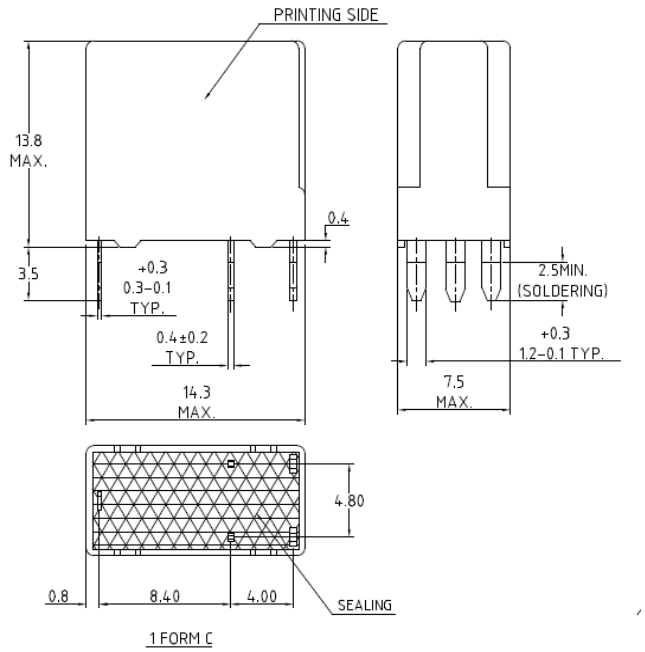
45 - XX - 1X E - IN

- 45 — Product Series
- XX — Nominal Coil Voltage (Refer coil data)
- 1X — Contact Configuration
  - 1A - 1 Form A
  - 1C - 1 Form C
- E — Sealing
- IN — Industrial Version

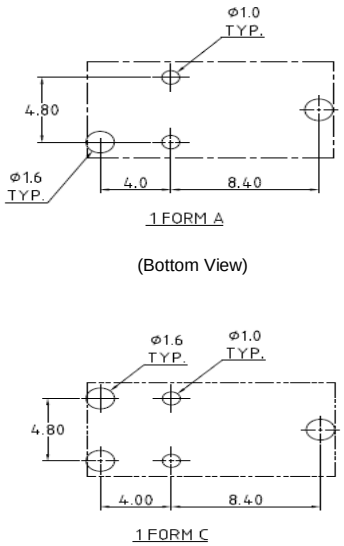
COIL DATA

Nominal voltage V DC	Pick Up voltage V DC (Max)	Drop-Out Voltage V DC (Min)	Coil Resistance Ohms ± 10%
5	4.0	0.5	70
12	9.6	1.2	400
24	19.2	2.4	1600

DIMENSIONS



DRILLING PATTERN



AVAILABLE ON REQUEST

- For custom solutions consult factory