



# O/E/N 45

## INDUSTRIAL PCB RELAY



### FEATURES

- Rated upto 5 A
- Dielectric upto 1500VRMS
- 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.	: $1 \times 10^5$
Mechanical life in No. of Operations Min.	: $1 \times 10^6$
Voltage Drop between terminals At 10A (Max.)	: 250mV

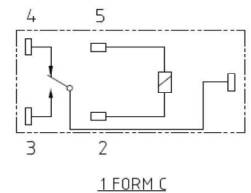
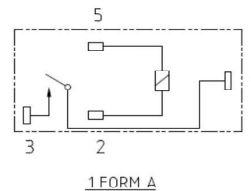
### GENERAL DATA FOR COIL SIDE

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

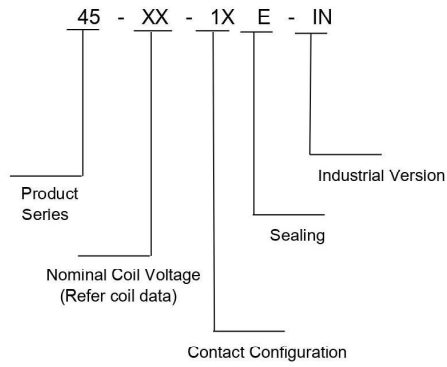
### OPERATING CONDITIONS

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.	

### WIRING DIAGRAM



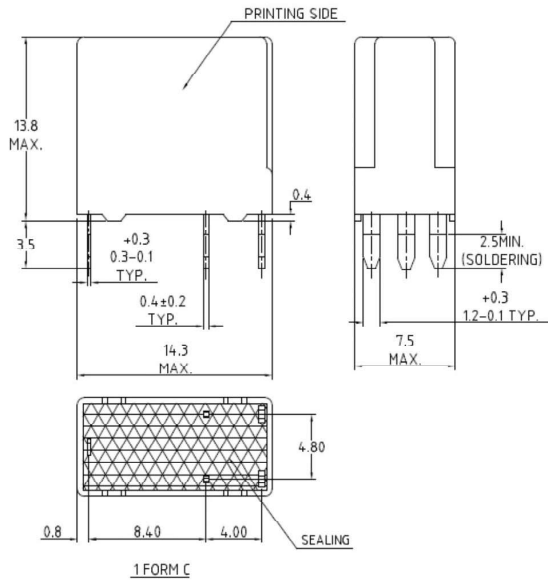
## HOW TO ORDER



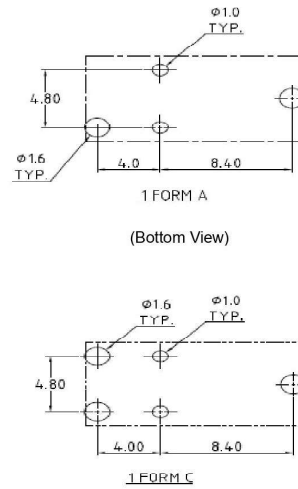
## COIL DATA

Nominal voltage V DC	Pick Up voltage V DC (Max)	Drop-Out Voltage V DC (Min)	Coil Resistance Ohms $\pm 10\%$
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