

# O/E/N 37

## ICE CUBE STYLE INDUSTRIAL RELAY

- High Reliability
- Compact High Performance
- Dust Protected
- LED & Free Wheeling Diode optional
- DIN Rail Mounting Socket
- Equipped with Arc Barrier

### SPECIFICATIONS

Contact Arrangement	: 4 Form C
Contact Material	: Silver alloy
Contact Rating	
Rated Voltage	: 230 VAC/24 VDC
Max. Switching Voltage	: 250 VAC/220 VDC
Max. Continuous Current at 230 VAC/24 VDC	: 5 A
Max. Power Rating	: 1250 VA
Nominal Coil Power	: 0.90 W (approx)
Life Expectancy	
Electrical	: 10 <sup>5</sup> operations
Mechanical	: 10 <sup>7</sup> operations
Contact Resistance (Initial)	: 100 milli Ohms
Dielectric Strength	
Between Contact & Coil	: 2000 VRMS
Between Open Contacts	: 1000 VRMS
Insulation Resistance	: 100 MegaOhms at 500VDC, 25 <sup>0</sup> C, RH50
Operate time at	
Nominal Voltage	: 20 milli sec. (Typ)
Release time at	
Nominal Voltage	: 20 milli sec. (Typ)
Ambient Temperature	: -40 <sup>0</sup> C to +70 <sup>0</sup> C
Weight	: 35 gms (approx)

#### Typical applications

Industrial Controls, Office Automation, PLCs, Timers Office Automation etc.

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

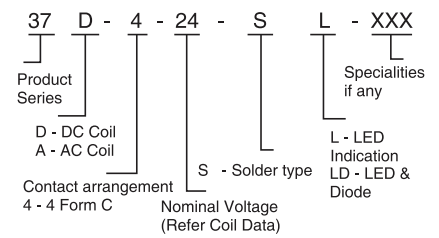
### COIL DATA

Nominal Voltage	DC		AC	
	Pick-up Voltage VDC	Coil Resistance Ohms ± 10%	Pick-up Voltage VAC	Coil Resistance Ohms ± 10%
12	9.6	160		
24	19.2	650		
110	88.0	11000	88.0	4430
240			190.0	18790

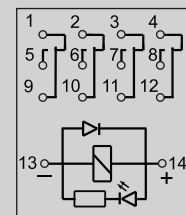
### SOCKET ORDERING CODE

<b>Din rail mounting type</b>	37 - 9700 - 100
	37 - 9700 - 200
<b>PCB mounting type</b>	37 - 9800 - 100

### HOW TO ORDER



### WIRING DIAGRAM



### DIMENSIONS

