

# O/E/N 37-T ICE CUBE STYLE INDUSTRIAL RELAY



- Mechanical Flag Indication
- Lockable Test Button
- LED & Free Wheeling Diode across coil
- Compact High Performance
- Din Rail Mounting Sockets available
- Comply to IEC 60255-5

## SPECIFICATIONS

Contact Arrangement	: 2 Form C, 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	
2 Form C	: 10 A
4 Form C	: 5 A
Max. Power Rating	
2 Form C	: 2500 VA
4 Form C	: 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)	: 50 milli. Ohms
Dielectric Strength	
Between Contact & Coil	: 2000 VRMS
Between Open Contacts	: 1000 VRMS
Insulation Resistance	: 100 MegaOhms at 500 VDC, 25°C, RH50
Operate time at Nominal Voltage	: 20 milli. Sec. (Typ)
Release time at Nominal Voltage	: 20 milli. Sec. (Typ)
Ambient Temperature	: -40°C to + 70°C
Weight	: 35 gms (approx.)

### Typical Applications

Industrial Controls, Office Automation, PLCs, Timers etc.

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

## COIL DATA

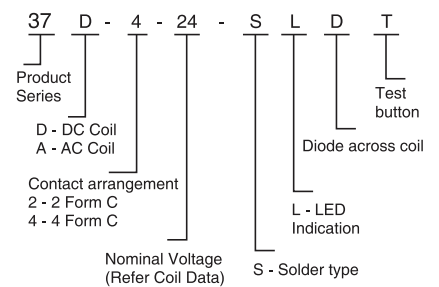
Nominal Voltage V	Pick-up Voltage V	Drop-out Voltage V	Coil Resistance Ohms ± 10%
<b>DC Coil Data</b>			
12	9.6	1.2	160
24	19.2	2.4	650
110	88	11	11000
<b>AC Coil Data</b>			
110	88	33	4430
230	192	72	18790

## SOCKET ORDERING CODE

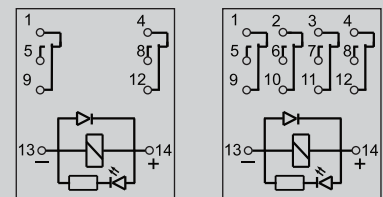
**DIN Rail mounting type**  
 2 Form C 37-9900-200  
 4 Form C 37-9700-100  
 37-9700-200

**PCB mounting type**  
 4 Form C 37-9800-100

## HOW TO ORDER



## WIRING DIAGRAM



2 Form C

4 Form C

## DIMENSIONS

