



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 / 2 Form C
Contact Material	: Silver alloy
Contact Rating	
Rated Voltage	: 230 VAC/24 VDC
Maximum Voltage	: 230 V AC/125 V DC
Maximum Continuous Current at 230VAC/24VDC	: 5A
Maximum Switching Current	: 5A
Maximum Power Rating	: 1250VA
Nominal Coil Power DC	: 0.9W (approx)
AC	: 1.2VA (approx)
Life Expectancy	
Mechanical	: 10 ⁷ operations
Electrical	: 1 x 10 ⁵ operations
Contact Resistance (Initial)	: 50 milli Ohms
Dielectric Strength	
Between Contacts & Coil	: 2000 VRMS
Between Open Contacts	: 1000 VRMS
Insulation Resistance	: 100 Meg. Ohms at 500VDC, 25 ⁰ C, RH50
Operate time at Nominal Voltage	: 20 milli sec. (Max)
Release time at Nominal Voltage	: 20 milli sec. (Max)
Ambient Temperature	: -40 ⁰ C to + 70 ⁰ C
Weight	: 35 gms (approx)

Typical applications

Industrial Controls, Office Automation, PLCs, Timers
Office Automation

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

COIL DATA

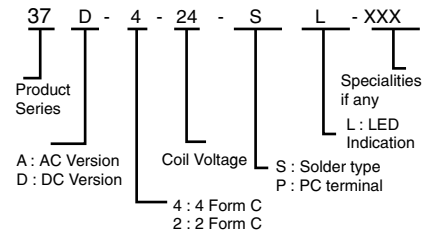
Nominal Voltage	DC		AC	
	Pick-up Voltage VDC (Max)	Coil Resistance Ohms ± 10%	Pick-up Voltage VAC (Max)	Coil Resistance Ohms ± 10%
12	9.6	160		
24	19.2	650		
110	90.0	11000	90	4550
230			190	14400

SOCKET ORDERING CODE

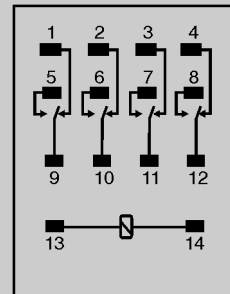
Din rail mounting type 37 - 9700 - 100

PCB mounting type 37 - 9800 - 100

HOW TO ORDER



WIRING LAYOUT



For Relays with LED / Diode take 13 as negative
 For 2 Form C relays use terminals 1,5,9 & 4,8,12

DIMENSION

