



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

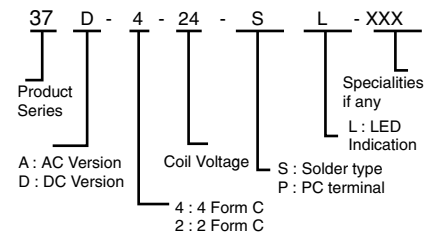
| Nominal Voltage | DC | | AC | |
|-----------------|---------------------------|----------------------------|---------------------------|----------------------------|
| | Pick-up Voltage VDC (Max) | Coil Resistance Ohms ± 10% | Pick-up Voltage VAC (Max) | Coil Resistance Ohms ± 10% |
| 12 | 9.6 | 160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

SOCKET ORDERING CODE

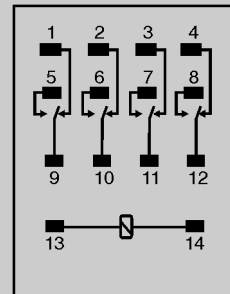
Din rail mounting type 37 - 9700 - 100

PCB mounting type 37 - 9800 - 100

HOW TO ORDER



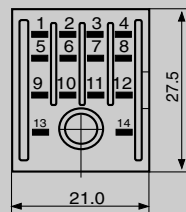
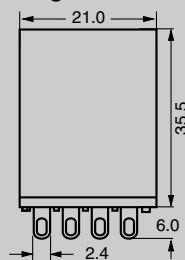
WIRING LAYOUT



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

DIMENSION

Plug in Version



PC Version

