



## O/E/N 55H

### MINIATURE POWER RELAY

- Compact High Performance
- Direct PCB type
- High Capacity
- Spade Terminals for Power Output

#### SPECIFICATIONS

|                                         |                                       |
|-----------------------------------------|---------------------------------------|
| Contact Arrangement                     | : 1 Form A                            |
| Contact Material                        | : Silver Alloy                        |
| Contact Rating                          |                                       |
| Rated Voltage                           | : 230 VAC/24 VDC                      |
| Max. Switching Voltage                  | : 250 VAC/30 VDC                      |
| Max. Continuous Current at 230VAC/24VDC | : 25 A                                |
| Motor, Inrush                           | : 80 A at 0.7 Cos $\phi$ , 0.3 Sec.   |
| Max. Power Rating                       | : 6250 VA                             |
| Nominal Coil Power                      | : 0.90 W (approx)                     |
| Life Expectancy                         |                                       |
| Electrical                              | : $10^5$ operations                   |
| Mechanical                              | : $10^6$ operations                   |
| Contact Resistance (Initial)            | : 50 milli Ohms                       |
| Dielectric Strength                     |                                       |
| Between Contact & Coil                  | : 2000 VRMS                           |
| Between Open Contacts                   | : 1000 VRMS                           |
| Insulation Resistance                   | : 1000 MegaOhms at 500VDC, 25°C, RH50 |
| Operate time at Nominal Voltage         | : 15 milli sec. (Typ)                 |
| Release time at Nominal Voltage         | : 10 milli sec. (Typ)                 |
| Ambient Temperature                     | : -40°C to +85°C                      |
| Weight                                  | : 35 gms (approx)                     |

#### Typical applications

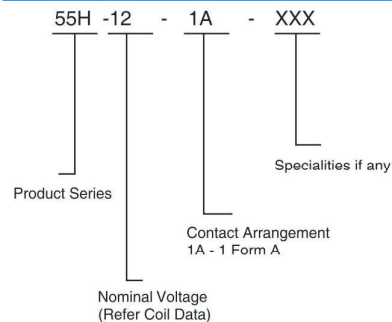
Microwave Ovens, Refrigerators, Air Conditioners, Temperature Controllers, UPS etc.

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

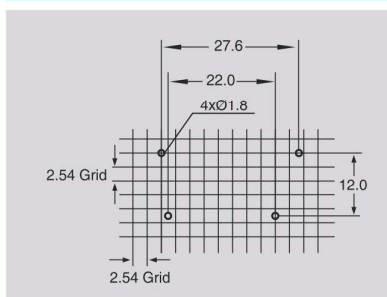
#### COIL DATA

| Nominal Voltage VDC | Pick-up Voltage VDC | Drop-out Voltage VDC | Coil Resistance Ohms $\pm 10\%$ |
|---------------------|---------------------|----------------------|---------------------------------|
| 12                  | 9.6                 | 1.2                  | 160                             |
| 24                  | 19.2                | 2.4                  | 640                             |

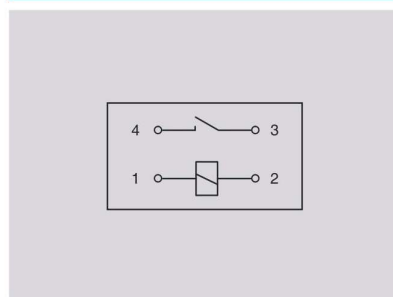
#### HOW TO ORDER



#### DRILLING PATTERN



#### WIRING DIAGRAM



#### DIMENSIONS

