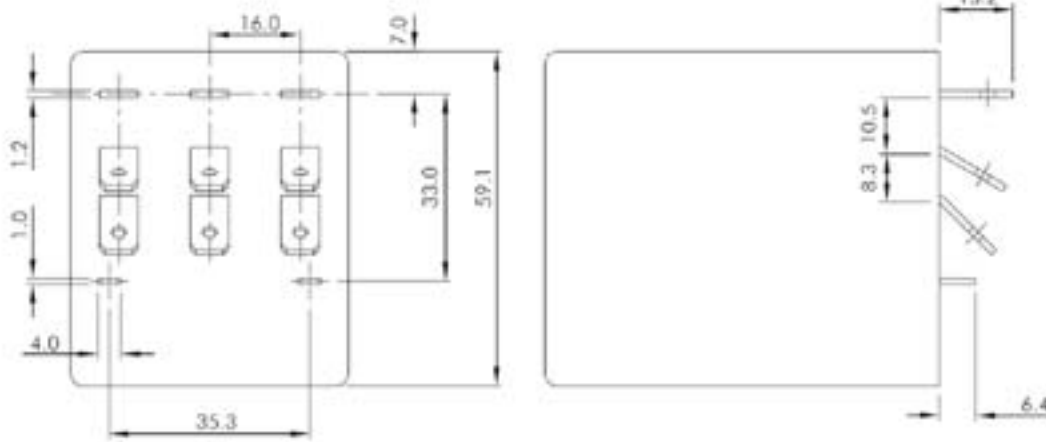
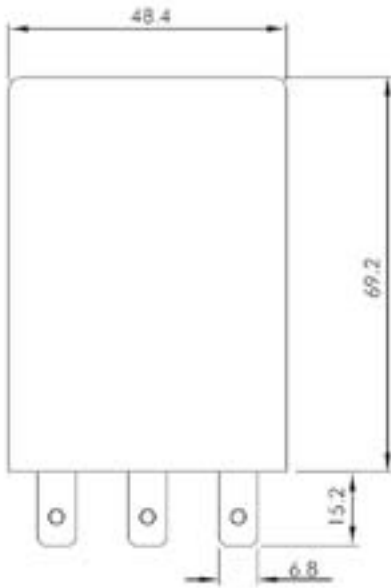


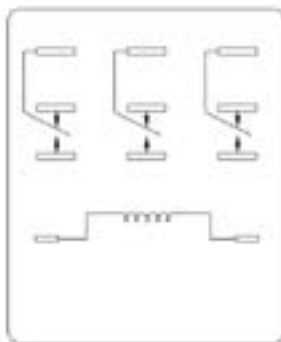


# Series HF3

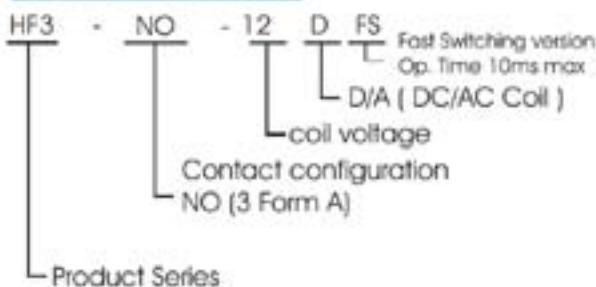
- Non Plastic high temp. withstanding base
- Insert moulded terminals
- Screw / Solder type terminals
- Suitable for motor starters & controllers



### Electrical Diagram



### How To Order



### Contact Specifications

- 1) Configuration : 3 NO (3 Form A)  
3 CO (3 Form C)
- 2) Contact Rating : 40A at 240 VAC/24VDC (Resistive) (Higher AC voltage Contact rating Model also available)
- 3) Contact Resistance : 100 mohm max (initial)

### General Performance

- 1) Operate time : 30 msec max  
Fast Switching version : 10 msec max
- 2) Release time : 10 msec max
- 3) Life Expectancy  
Electrical :  $5 \times 10^7$  Operations at rated load  
Mechanical :  $10^6$  Operations
- 4) Dielectric Strength  
Between Open Contacts : 1000 VAC  
Between Coil & Contact : 2000 VAC  
Between Any terminal & earth : 2000 VAC
- 5) Insulation Resistance : 1000 Mohm min at 500VDC, 25°C & RH 50
- 6) Temp. Range : -40°C to + 70°C
- 7) Weight : 200 gms (approx.)
- 9) Mounting : Chassis mounting

### Coil Data (at 25°C)

| Nominal coil voltage (VDC) | Coil resistance ohms(+/- 10%) | Nominal coil power approx. (W) | Pick up voltage max. (V DC) | Drop out voltage min.(VDC) |
|----------------------------|-------------------------------|--------------------------------|-----------------------------|----------------------------|
| 12V                        | 75                            | 1.9 W                          | 80 % of nominal voltage     | 10 % of nominal voltage    |
| 18V                        |                               |                                |                             |                            |
| 24V                        |                               |                                |                             |                            |

Various coil voltages available.  
AC coils also available  
Pick up Voltage for AC coil relays 85% max. Of nominal coil voltage

## TARA RELAYS PVT. LTD.

3, 2nd flr. Supreme Industrial Estate,  
Aranyeshwar corner, Satara Road. Pune- 411009  
Tel: 91-20-24223976 TeleFax: 91-20-24223978,  
e-mail: info@tararelays.com Website: www.tararelays.com

All dimensions in mm, Tolerance  $\pm 0.2$  mm  
Specifications subject to change without notice.