

FEATURES

- 5~13 A switching capability
- Coil encapsulated technique
- Ideal for sequence control and power switching applications
- Distance for open contacts more than 3mm

CONTACT DATA

| | |
|---------------------------------|--|
| Contact form | 4A,4B,4C |
| Contact resistance (Initial) | Max: 100mΩ (at 1A,6VDC) |
| Contact load Resistive | 13A 277VAC 10A 28VDC 5A 277VAC |
| Max. switching power | 3600VA280W |
| Contact Material | Silver Alloy Silver Alloy Gold plated |

CHARACTERISTICS

| | |
|--|--|
| Initial insulation resistance | Min. 100MΩ (at 500VDC) |
| Dielectric Strength | 2200Vrms /Min(50HZ Between) 800Vrms /Min(50HZ Between) |
| - Between coil and contacts - Between open contacts | |
| Operate time(at nomi.Vot) | 15ms. |
| Release time(at nomi.Vot) | 15ms. |
| Temperature rise(at nomi. Vot) | AC type 60°C ,DC type 45°C , |
| Ambient temperature | AC:-25°C to+ 55°C DC:-25°C to+ 70°C |
| Shock resistance | 98m/s ² (10G) 980 m/s ² (100G) |
| - Functional - Destructive | |
| Ambient humidity | Max. 85% RH |
| Termination | 4.75 x0.5QC terminal 6.35 x0.8QC terminal PCB |
| Life expectancy | 1 x 10 ⁵ operations 1 x 10 ⁷ operations |
| - Electrical - Mechanical | |

1. AC Coils

| Nominal voltage(VAC) | Coil resistance (Ω±10%) | Power consumption |
|----------------------|-------------------------|-------------------|
| 6 | 2.4 | 4.6W |
| 12 | 9.5 | 4.6W |
| 24 | 38 | 4.6W |
| 48 | 150 | 4.6W |
| 120 | 970 | 4.6W |
| 240 | 3800 | 4.6W |

2.DC Coils

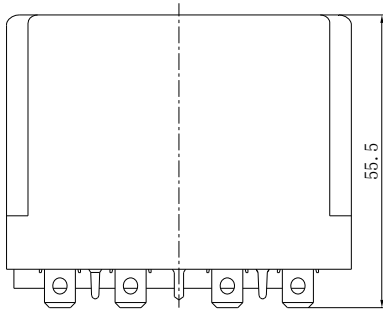
| Nominal voltage(VDC) | Coil resistance (Ω±10%) | Power consumption |
|----------------------|-------------------------|-------------------|
| 6VDC | 14 | 2.6W |
| 12VDC | 56 | 2.6W |
| 24VDC | 230 | 2.6W |
| 48VDC | 900 | 2.6W |
| 110VDC | 4900 | 2.6W |
| 220VDC | 19400(16800) | 2.6W |

ORDERING INFORMATION

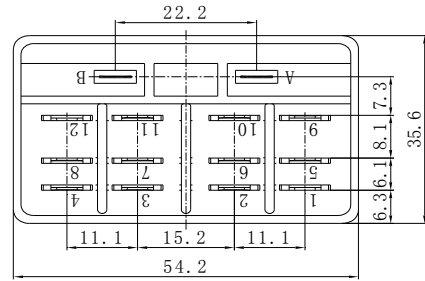
ME-813 - P - 1 - A 012 - 4H X T F

| Model No. | PC or connect | Installation | Coil Source | Coil Voltage | Contact Form | Contact Version | Contact Material | Insulation System |
|-----------|--|---|--------------|----------------------------|-------------------------|---|--|--------------------------|
| ME-813 | Nil: 4.75 x0.5 Connect S: 6.35 x0.8Connect P: PC terminal | 1 :No installation 2 :Flank install S :Top install SL:No Cover Install | A:AC D:DC | 6VAC—277VAC 6VDC—220VDC | 4H:4A 4D:4B 4Z:4C | Nil: Single Contact X: Bifurcated Contact | Nil: Silver Alloy T:Silver Alloy Gold plated | Nil:Class B F:Class F |

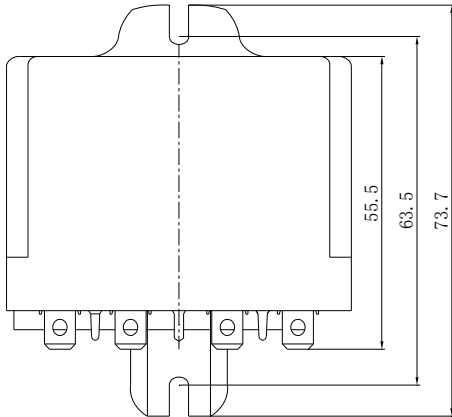
DIMENSIONS(unit :mm)



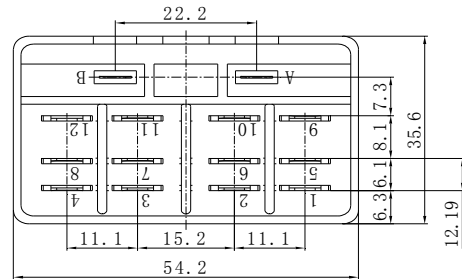
First install fashion



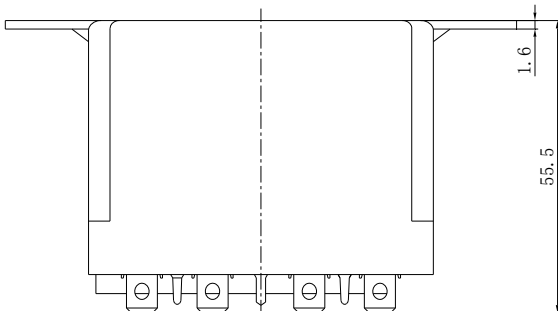
PCB LAYOUT



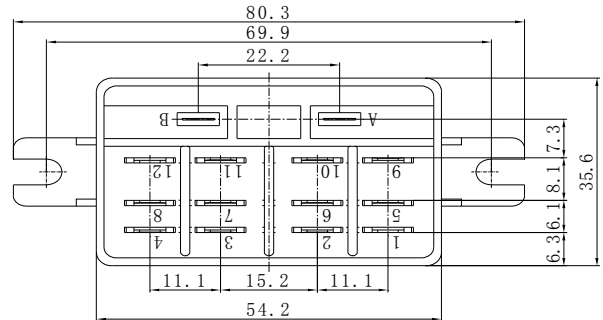
Second install fashion



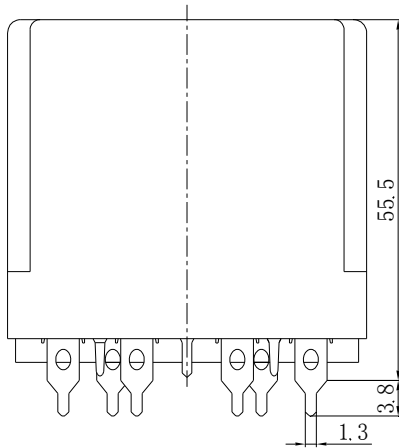
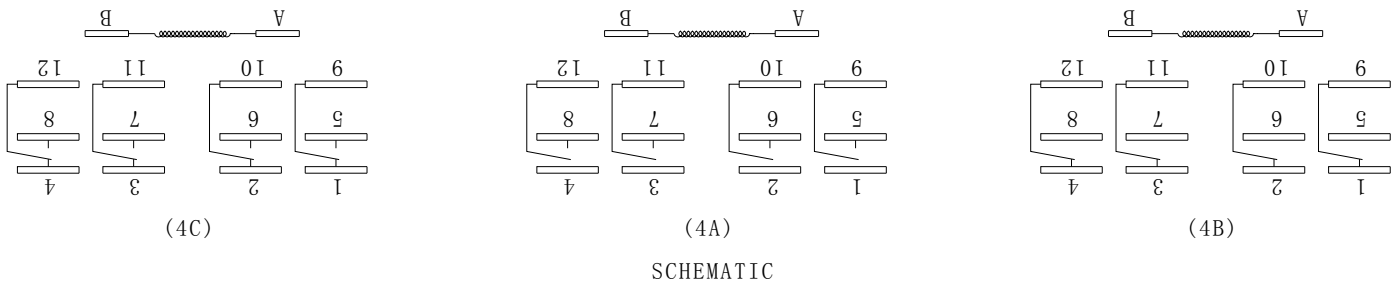
PCB LAYOUT



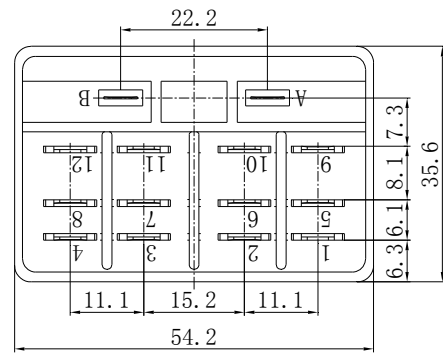
Third install fashion



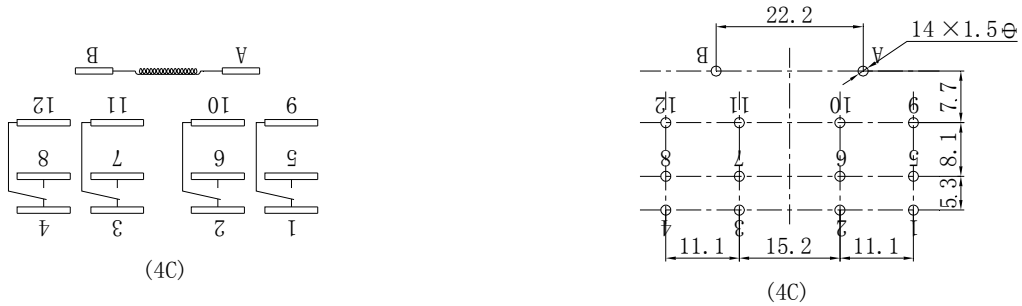
PCB LAYOUT



PCB install fashion



PCB LAYOUT



Disclaimer: All the specifications are subject to change without notice.