



TRY

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[Http://www.100y.com.tw](http://www.100y.com.tw)

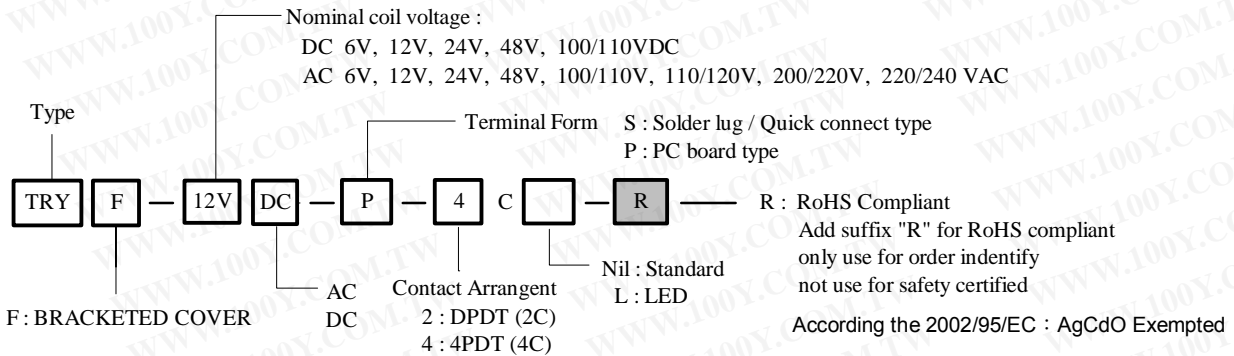
➤ MAIN FEATURES

- Long life and high reliability
- Strong construction for vibration and shock
- Approximately thousands for kinds are available depending on the combination of terminals, covers, contact ratings, coil etc.
- Molded material : All UL 94V-0
- UL & cUL recognized.

➤ APPLICATIONS

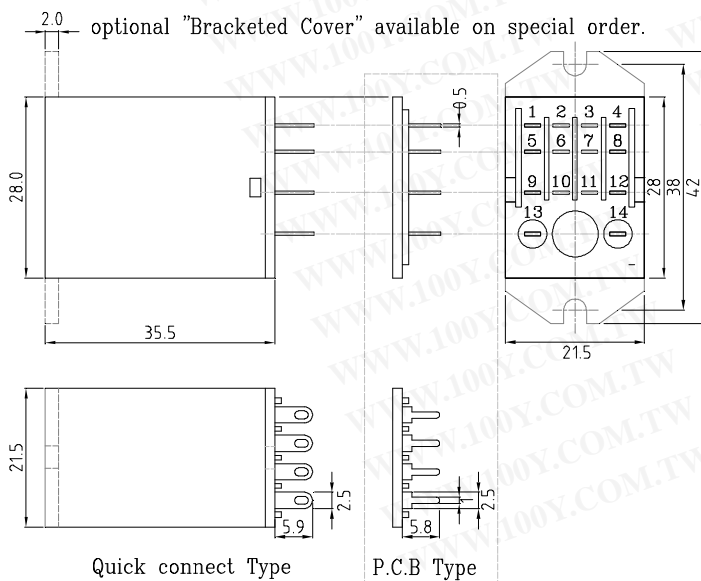
- Power station control equipments
- Transportations
- Refrigerators
- Coil operated machines
- Office machines
- Building control equipments
- Medical equipments
- Amusement devices, etc.

➤ ORDERING INFORMATION

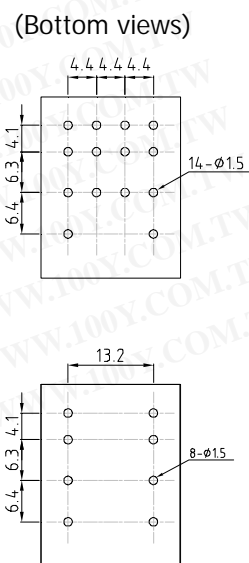


- OD07-0004A (PYF-08AE)
- OD07-0005A (PYF-14AE)
- OD07-0006A (PYF-14A)
- OD07-0007A (PYF-08A)
- OD07-0008A (PY-08-0)
- OD07-0021A (PY-14-0)

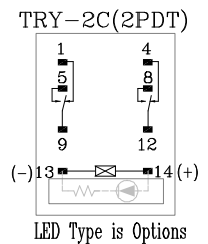
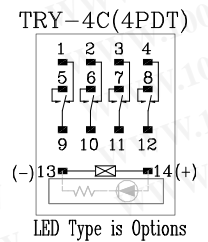
■ DIMENSION (unit:mm)



■ DRILLING (unit:mm)



■ WIRING DIAGRAM



➤ **COIL DATA CHART(at 20°C)**

| Nominal voltage | Pick-Up voltage(Max.) | Drop-out voltage(Min.) | Nominal current | Coil resistance | Power consumption | Max. allowable voltage |
|-----------------|-----------------------|------------------------|-----------------|-----------------|-------------------|-------------------------|
| AC Type | | | | | | |
| VAC | 80% of rated voltage | 30% of rated voltage | mA(+15%,-20%) | Ω(±10%) | (VA) | (VAC) |
| 6 | 4.8 | 1.8 | 200 | 11.5 | Approx. 1.2VA | 110% of nominal voltage |
| 12 | 9.6 | 3.6 | 100 | 46 | | |
| 24 | 19.2 | 7.2 | 50 | 184 | | |
| 48 | 38.4 | 14.4 | 25 | 735 | | |
| 110 | 88 | 33 | 11 | 3750 | | |
| 120 | 96 | 36 | 10 | 4550±15% | | |
| 220/240 | 176/192 | 66/72 | 5 | 14400±15% | | |
| DC Type | | | | | | |
| VDC | 80% of rated voltage | 10% of rated voltage | mA(±10%) | Ω(±10%) | (W) | (VDC) |
| 6 | 4.8 | 0.6 | 150 | 40 | Approx 0.9W | 110% of nominal voltage |
| 12 | 9.6 | 1.2 | 75 | 160 | | |
| 24 | 19.2 | 2.4 | 36.9 | 650 | | |
| 48 | 38.4 | 4.8 | 18.5 | 2600 | | |
| 110 | 88 | 11 | 10 | 11000 | | |

➤ **CONTACT RATING**

| Item | Arrangement | TRY -2C (DPDT) | TRY -4C (4PDT) |
|------------------------|-------------|----------------|----------------|
| Contact Capacity | | 10A 220VAC | 5A 220VAC |
| Resistive load | | 10A 28VDC | 5A 28VDC |
| Max. switching voltage | | 220VAC, 28VDC | |
| Max. switching current | | 10A | 5A |
| Max. switching power | | 2200VA, 280W | 1100VA, 140W |
| Min. permissible load | | 5VDC 100mA | |
| Contact material | | AgCdO | |

➤ **PERFORMANCE (at initial value)**

| Item | Arrangement | TRY |
|-------------------------------------|-------------|---|
| Contact Resistance | | Max. 100mΩ |
| Operation time (at nominal voltage) | | Max. 25msec |
| Release time (at nominal voltage) | | Max. 25msec |
| Operating frequency | | 20ops/minute |
| Insulation resistance | | Min. 100MΩ (at 500VDC) |
| Vibration resistance | | Functional : 6G 10 to 55 Hz, at double amplitude of 1mm Destructive : 12G 10 to 55 Hz, at double amplitude of 2mm |
| Shock resistance | | Functional : Min, 20G Destructive : Min, 100G |
| Dielectric strength | | 1500VAC. for 1minute between coil and contact. 750VAC. for 1minute between contact sets. 750VAC. for 1minute between open contacts. |
| Ambient temperature | | -40°C to +70°C |
| Humidity | | 40 to 85% RH |
| Life expectancy | | Mechanical : 1 x 10 ⁷ operations Electrical : 2 x 10 ⁵ operations (at rated load) |
| Weight | | abt 37grs. |
| UL & cUL | | E156521 |