



| Contact characteristics | | | |
|--|------------|---------|---------------------|
| Contact configuration | | | 3 C/O |
| Rated insulation voltage U_i IEC/EN | V | | 250 |
| Rated impulse withstand voltage U_{imp} | kV | | 6 |
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | A | | 10 |
| Rated current (I_n) | A | | 10 |
| Rated operating power AC-1 | | VA | 2500 |
| | 230 VAC | VA | 500 |
| Rated operating power AC-15 | | | |
| | 230VAC | kW | 1.2 |
| Single-phase motor control | | | |
| | 30V | A | 10 |
| Rated operating current DC-1 | | | |
| Minimum switching load | V / mA | | 5 / 100 |
| Contact impedance | m Ω | | 100 |
| Contact material | | | Ag/Ni |
| Operating times | | | |
| Closing | ms | | <30 |
| Opening | ms | | <30 |
| Operations | | | |
| Mechanical life | cycles | | 5000000 |
| Electrical life AC1 | cycles | | 100000 |
| Coil characteristics | | | |
| Relay control voltage | V | | 110VDC |
| Average coil consumption AC at 20°C | VA | | 3 |
| Average coil consumption DC at 20°C | W | | 1.5 |
| Operating range | Closing | % U_n | 75...110 |
| | Opening | % U_n | 10...30 |
| Maximum cycle frequency | cycles/h | | 3600 |
| Mechanical features | | | |
| Max socket terminal tightening torque | Nm | | 0.6 |
| Socket screw tightening tool (cross / flat blade) | | | PH1 / 4.5mm |
| Conductor section | AWG/Kcmil | min | 20 |
| | | max | 14 |
| | IEC | min | mm ² 0.5 |
| | | max | mm ² 2.5 |
| Operating position | | | |
| | normal | | Any |

| | |
|--------|---------------------------------|
| Fixing | On 35mm DIN rail and with screw |
|--------|---------------------------------|

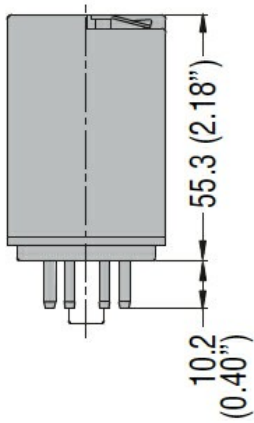
Ambient conditions

| | | | | |
|-------------|-----------------------|-----|----|-----|
| Temperature | Operating temperature | min | °C | -40 |
| | | max | °C | +55 |
| | Storage temperature | min | °C | -40 |
| | | max | °C | +70 |

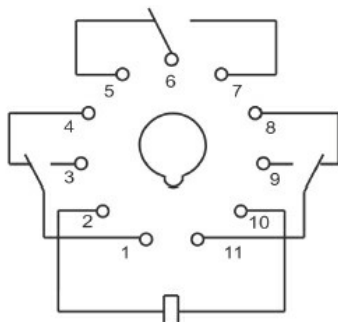
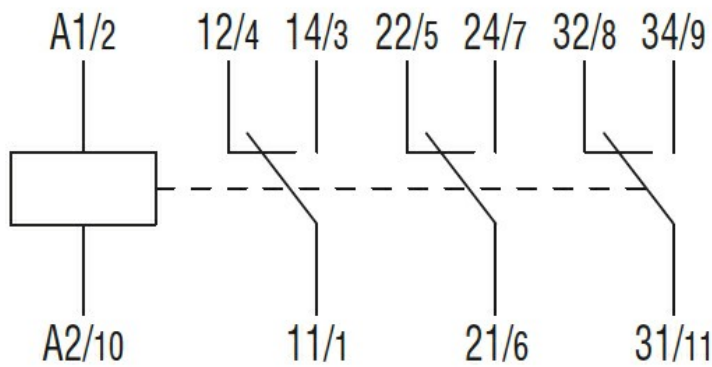
Other features

| | |
|---------------------------------------|-----|
| Indication | Yes |
| Mechanical contact position indicator | Yes |
| Mechanical test actuator | Yes |

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

ETIM classification

ETIM 8.0

EC001437 -
Switching relay