



| Contact characteristics | | | |
|--|-----------|------------|---------------------|
| Contact configuration | | | 4 C/O |
| Rated insulation voltage U_i IEC/EN | V | | 500 |
| Rated impulse withstand voltage U_{imp} | kV | | 4 |
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | A | | 5 |
| Rated current (I_n) | A | | 5 |
| Max contrrollable power in | | | |
| | AC-1 | W | 5 |
| Rated operating power AC-1 | | VA | 1250 |
| Rated operating power AC-15 | 230 VAC | VA | 150 |
| Single-phase motor control | 230VAC | kW | 0.37 |
| Rated operating current DC-1 | | | |
| | 30V | A | 8 |
| | 110V | A | 0.3 |
| | 220V | A | 0.1 |
| Minimum switching load | | V / mA | 5 / 100 |
| Contact impedance | | m Ω | 100 |
| Contact material | | | Ag/Ni |
| Operating times | | | |
| Closing | | ms | <25 |
| Opening | | ms | <25 |
| Operations | | | |
| Mechanical life | | cycles | 20000000 |
| Electrical life AC1 | | cycles | 100000 |
| Coil characteristics | | | |
| Relay control voltage | | V | 230VAC |
| Average coil consumption AC at 20°C | | VA | 1.7 |
| Average coil consumption DC at 20°C | | W | 1.1 |
| Operating range | | | |
| | Closing | % U_n | 70...110 |
| | Opening | % U_n | 20...55 |
| 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 | +70 |

Storage temperature

| | | |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +80 |

Other features

Indication

Yes

Mechanical contact position indicator

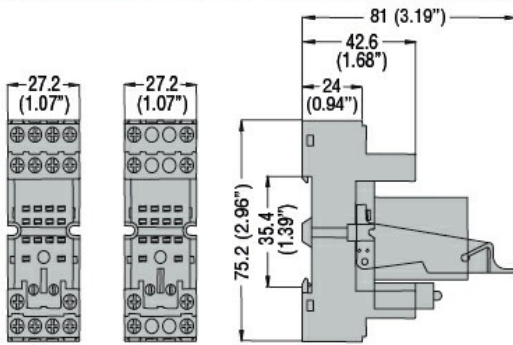
Yes

Mechanical test actuator

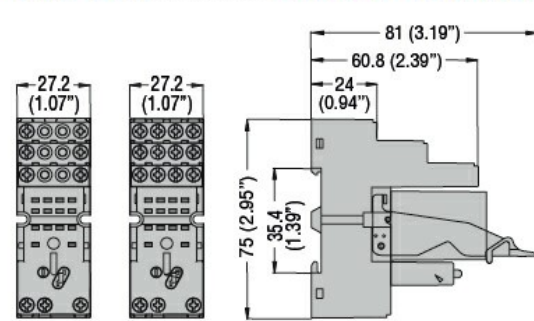
Yes

Dimensions

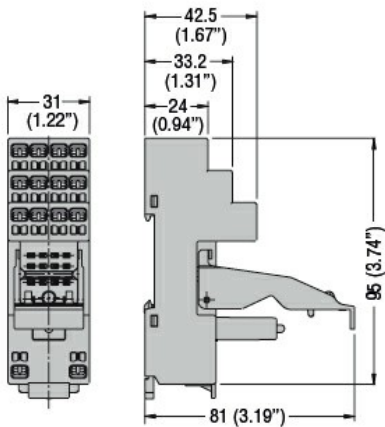
HR60 2C... with socket HR6XS21 - HR6XS22



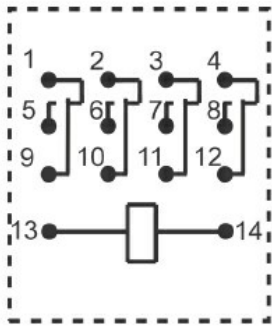
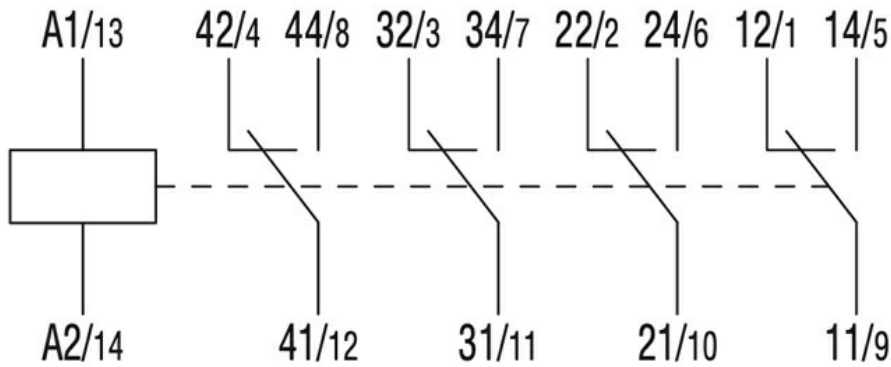
HR60 4C... with socket HR6XS41 - HR6XS42



HR60 2C... - HR60 4C... with socket HR6XS21S - HR6XS41S



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay