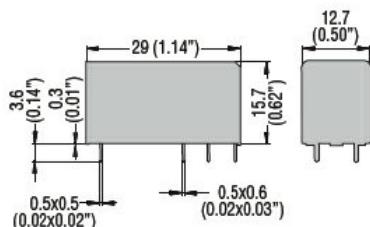


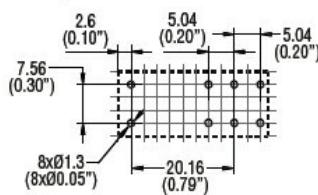


| | | | |
|--|--------------------|-------------|----------|
| Product designation | MINIATURE RELAYS | | |
| Product type designation | HR302C | | |
| Contact characteristics | | | |
| Contact configuration | 2 C/O | | |
| Rated insulation voltage U_i IEC/EN | V | 250 | |
| Rated impulse withstand voltage U_{imp} | kV | 6 | |
| IEC Conventional free air thermal current I_{th} | A | 8 | |
| Maximum instantaneous current | A | 20 | |
| Rated current (I_n) | A | 8 | |
| Relay control voltage | V | 24VAC | |
| Max contrallable power in | AC-1 | W | 2000 |
| | AC-15 | VA | 150 |
| Rated operating power AC-1 | | VA | 2000 |
| Rated operating power AC-15 | 230 VAC | VA | 150 |
| Single-phase motor control | 230VAC | kW | 0.2 |
| 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 | mΩ | 100 | |
| Contact material | AgSnO ₂ | | |
| Operating times | | | |
| Closing | ms | 10 | |
| Opening | ms | 5 | |
| Operations | | | |
| Mechanical life | cycles | 10000000 | |
| Electrical life AC1 | cycles | 50000 | |
| Coil characteristics | | | |
| Average coil consumption AC at 20°C | VA | 0.9 | |
| Average coil consumption DC at 20°C | W | 0.45 | |
| Operating range | Closing | % Un | 70...110 |
| | Opening | % Un | 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 | | |

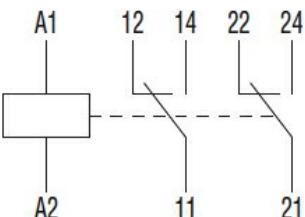
| | | | |
|---------------------------------------|-----------------------|---------------------------------|---------------------|
| | | min | 20 |
| | | max | 14 |
| IEC | | | |
| | | min | mm ² 0.5 |
| | | max | mm ² 2.5 |
| Operating position | normal | Any | |
| Fixing | | On 35mm DIN rail and with screw | |
| Ambient conditions | | | |
| Temperature | Operating temperature | min °C -40 | |
| | | max °C +85 | |
| | Storage temperature | min °C -40 | |
| | | max °C +85 | |
| Other features | | | |
| Indication | | No | |
| Mechanical contact position indicator | | No | |
| Mechanical test actuator | | No | |
| Dimensions | | | |



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay