

HR301CA110 MINIATURE RELAY, 110/120VAC, 16A, 1C/O CONTACT. FITTING ON SOCKET HR5XS2... (MAX 10A)



| Product designation | | | MINIATURE |
|---|--------------------|----------|--------------------|
| Product type designation | | | RELAYS HR301C |
| Contact characteristics | | | пкзотс |
| Contact configuration | | | 1 C/O |
| Rated insulation voltage Ui IEC/EN | | V | 250 |
| Rated impulse withstand voltage Uimp | | kV | 6 |
| IEC Conventional free air thermal current Ith | | A | 16 |
| Maximum instantaneous current | | A | 60 |
| | | A | 16 |
| Rated current (In) | | A V | |
| Relay control voltage | | V | 110120VAC |
| Max contrallable power in | | | |
| | AC-1 | W | 4000 |
| | AC-15 | VA | 300 |
| Rated operating power AC-1 | | | |
| | | VA | 4000 |
| Rated operating power AC-15 | | | |
| | 230 VAC | VA | 300 |
| Single-phase motor control | | | |
| | 230VAC | kW | 0.4 |
| Rated operating current DC-1 | | | |
| | 30V | А | 12 |
| | 110V | А | 0.3 |
| | 220V | А | 0.1 |
| Minimum switching load | | V/mA | 5 / 100 |
| Contact impedance | | mΩ | 100 |
| Contact material | | | AgSnO2 |
| Operating times | | | 5 |
| Closing | | ms | 10 |
| Opening | | ms | 5 |
| Operations | | | - |
| Mechanical life | | cycles | 10000000 |
| Electrical life AC1 | | cycles | 50000 |
| Coil characteristics | | 0)0.00 | |
| Average coil consumption AC at 20°C | | VA | 0.9 |
| Average coil consumption DC at 20°C | | W | 0.45 |
| Operating range | | v V | 0.70 |
| operating range | Closing | % Un | 70110 |
| | Closing Opening | | 2055 |
| Maximum avala fraguerav | Opening | % Un | 3600 |
| Maximum cycle frequency Mechanical features | | cycles/h | 3000 |
| Max socket terminal tightening torque | | Nm | 0.6 |
| Socket screw tightening tool (cross / flat blade) | | | PH1 / 4.5mm |
| Conductor section | | | F []] / 4.3[[[[]] |
| | | | |

AWG/Kcmil

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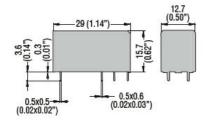


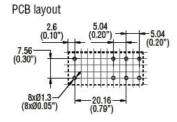
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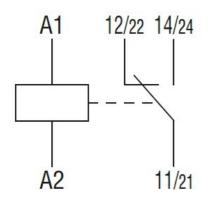
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| | | min | | 20 |
|-----------------------|-----------------------|--------|-----|---------------|
| | | max | | 14 |
| | IEC | | | |
| | | min | mm² | 0.5 |
| | | max | mm² | 2.5 |
| Operating position | | | | |
| | | normal | | Any |
| | | | | On 35mm DIN |
| Fixing | | | | 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 p | osition indicator | | | No |
| Mechanical test actua | ator | | | No |
| Dimensions [mm (in)] | | | | |





Wiring diagrams



Certifications and compliance Compliance

IEC/EN 61810

HR301CA110

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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ENERGY AND AUTOMATION

| Certificates | |
|---------------------|-------|
| | CSA |
| | cURus |
| | EAC |
| | VDE |
| ETIM classification | |

ETIM 8.0

EC001437 -Switching relay