Auto-ON-OFF Interface Relay

DIN Rail mounting according to DIN 43 880

**Type: CHA1/UC24V**
Auto ON-OFF relay with override switch and check back signal contact, e.g. for PLC. It is suitable for either automatic control or function override for maintenance, emergency, installations etc.

- 1 change over power contact with 2500 VA switching capacity
- 1 normally closed signal contact 0.3 A, 30 V
- UC 24 V control voltage, DC, AC 50 / 60 Hz
- LED for status indication

**Maximum contact load**
- 2500 VA AC1, 250 W DC1

**Recommended minimum contact load**
- 10 mA / 12 V

**Contact data**

<table>
<thead>
<tr>
<th>Contact type</th>
<th>Power cont.</th>
<th>Signal cont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact type</td>
<td>1CO, micro disconnection</td>
<td>1NC</td>
</tr>
<tr>
<td>Material</td>
<td>AgSnO2</td>
<td>Ag</td>
</tr>
<tr>
<td>Rated operational current</td>
<td>10 A</td>
<td>0.3 A</td>
</tr>
<tr>
<td>Max. inrush current (20 ms)</td>
<td>15 A</td>
<td>0.5 A</td>
</tr>
<tr>
<td>Max. switching voltage AC-1</td>
<td>250 V</td>
<td>30 V</td>
</tr>
<tr>
<td>Max. AC load</td>
<td>2500 VA AC-1, 500 VA AC-15</td>
<td></td>
</tr>
<tr>
<td>Max. Motor load AC-3</td>
<td>0.44 kW</td>
<td></td>
</tr>
<tr>
<td>Max. DC load DC-1</td>
<td>10 A 24 V, 0.12 A 220 V</td>
<td>10 W</td>
</tr>
<tr>
<td>Min. switching load</td>
<td>300 mW</td>
<td></td>
</tr>
</tbody>
</table>

**Control input V_{in} =**
- UC 24 V (AC or DC)

- Operating voltage range
- Release voltage
- Input current @ V_{in}
- Nominal power consumption

**Insulation**

- Withstand voltage I / O
- Open contact

**General Specifications**

- Ambient temperature: operation
- Typical response time @ Vnom
- Typical release time @ Vnom
- Mechanical life
- Electrical life AC-1
- Ingress protection degree
- Conductor cross section, solid wire size
- Conductor cross section, stranded wire size
- Max. Screw torque

**Standard types**
- CHA1/UC24V

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This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.