QRC series
S7-C
Socket for miniature relays C7... and C80 series time relays

Type: S7-C
2-pole, 1 level
integrated clip and marking label
suitable for clips C80 series time relays
coil bridge bus bar to connect in A2
plug-in slot for overvoltage suppressing units

Rated current 10 A

Specifications
Rated load 10 A / 250 V
Insulation Test voltage Vrms / 1 min
– All terminal/DIN rail 2.5 kV
– Terminal/terminal 2.5 kV
Cross section of connecting wire
– Single wire 4 mm², 2 x 1.5 mm²
– Multi wire 2.5 mm² / AWG 16, 2 x 1 mm² / AWG 18
Max. screw torque 0.7 Nm
Screw dimensions M3, Pozidriv
Integrated retaining clip/plastic for relays C7
Labelling space detachable
Connection label 1 … 8, DIN/EN
Mounting DIN rail TS35 or mounting plate
Ambient temperature operation/storage -40 (no ice) … 60 °C / -40 … 80 °C
Weight 37g

Associated plug-in 8-pin QRC relays C7-A2x, C7-T, C7-G, C7-X, C7-W, C7-H
Associated C80 time relays C83, C85, 84

Accessories
Coil bridge bus bar S7-B
Retaining clip, plastic CP-09B

Please note:
This socket replaces former socket S7-M fully compatible

Dimensions [mm]

Technical approvals, conformities

Connection diagram
## QRC series

### S7-I/O

Socket for miniature relays C7-...

<table>
<thead>
<tr>
<th>Type</th>
<th>S7-I/O</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-pole, 2 level</td>
</tr>
<tr>
<td></td>
<td>Integrated clip and marking label</td>
</tr>
<tr>
<td></td>
<td>Coil bridge bus bar to connect in A2</td>
</tr>
<tr>
<td></td>
<td>Logic wiring</td>
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</tbody>
</table>

### Rated current

10 A

### Specifications

<table>
<thead>
<tr>
<th>Rated load</th>
<th>10 A / 250 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation</td>
<td>Test voltage V rms / 1 min</td>
</tr>
<tr>
<td>– All terminals/DIN rail</td>
<td>2,5 kV</td>
</tr>
<tr>
<td>– Terminal/terminal</td>
<td>2,5 kV</td>
</tr>
<tr>
<td>Cross-section of connecting wire</td>
<td></td>
</tr>
<tr>
<td>– Single-wire</td>
<td>4 mm² or 2 x 2,5 mm²</td>
</tr>
<tr>
<td>– Multi-wire</td>
<td>22 - 14 AWG</td>
</tr>
<tr>
<td>Max. screw torque</td>
<td>1.2 Nm</td>
</tr>
<tr>
<td>Screw dimensions</td>
<td>M3, Pozi, slot</td>
</tr>
<tr>
<td>Integrated retaining clip/plastic</td>
<td>for relay series C7</td>
</tr>
<tr>
<td>Labelling space</td>
<td>detachable</td>
</tr>
<tr>
<td>Connection label</td>
<td>1...8; DIN/EN</td>
</tr>
<tr>
<td>Mounting</td>
<td>DIN rail TS35 or mounting plate</td>
</tr>
<tr>
<td>Ambient temperature operation/storage</td>
<td>-40 (no ice)...60 °C / -40 ... 80 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>38g</td>
</tr>
</tbody>
</table>

### Associated, plug-in 8-pin QRC relays

C7-A2x, C7-T, C7-G, C7-X, C7-W, C7-H

### Accessories

| Coil bridge bus bar | S7-B                                |
| Retaining clip, plastic | CP-01B                            |

### Dimensions [mm]

```
22.5
<table>
<thead>
<tr>
<th>26</th>
<th>48.5</th>
</tr>
</thead>
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```

### Technical approvals, conformities

- EN 60947-1
- EN 61810-1

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This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.
QRC series
S7-16
Socket for miniature relays C7-A10…

<table>
<thead>
<tr>
<th>Type</th>
<th>S7-16</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1-pole, 1 level</td>
</tr>
<tr>
<td></td>
<td>Integrated retaining clip and labelling space</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated current</th>
<th>16 A</th>
</tr>
</thead>
</table>

**Specifications**
- Rated load: 16 A / 250 V
- Insulation: Test voltage V rms / 1 min
- All terminals/DIN rail: 2,5 kV
- Terminal/terminal: 2,5 kV
- Cross-section of connecting wire:
  - Single-wire: 4 mm² or 2 x 2,5 mm²
  - Multi-wire: 22 - 14 AWG
- Max. screw torque: 1,2 Nm
- Screw dimensions: M3, Pozi, slot
- Integrated retaining clip/plastic: for relay series C7-A10
- Labelling space: detachable
- Connection label: 1...8; DIN/EN
- Mounting: DIN rail TS35 or mounting plate
- Ambient temperature operation/storage: -40 (no ice)…80 °C / -40 … 80 °C
- Weight: 31g

**Associated, plug-in 5-pin QRC relays**
- C7-A10

**Accessories**
- Retaining clip, plastic: CP-07B

**Connection diagram**

**Dimensions [mm]**

**Technical approvals, conformities**

EN 60947-1, EN 61810-1
**QRC series**

**S7-L, S7-P, S7-PO**

Socket for PCB and soldering for miniature relays C7

<table>
<thead>
<tr>
<th>Type</th>
<th>S7-L</th>
<th>2-pole, flange <strong>panel mountable</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>S7-P</td>
<td>2-pole, <strong>printed circuit</strong></td>
</tr>
<tr>
<td></td>
<td>S7-PO</td>
<td>2-pole, <strong>printed circuit with flange</strong></td>
</tr>
</tbody>
</table>

| Rated current | 10 A                  |

**Specifications**

- **Rated load**: 10 A / 250 V
- **Dielectric strength adjacent pin**: 2.5 kV rms / 1 min
- **Connection label**: 1...8; DIN/EN
- **Integrated retaining clip/plastic**: for relay series C7
- **Ambient temperature operation/storage**: -40 (no ice)...60 °C / -40 ... 80 °C
- **Weight**: 10g

**Accessories**

- Retaining clip, plastic for S7-P
  - CP-07B
- Retaining clip, plastic for S7-L + S7-PO
  - CP-01B

**Printed circuit lay-out [mm]**

**Dimensions [mm]**

**Technical approvals, conformities**

EN 60947-1, EN 61810-1