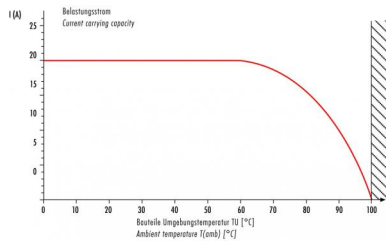


| | | | | |
|--------------|---|-----------|---------------------|-----------------------|
| Product Area | Female angled connector RD 30 connectors | serie 694 | Pole Article number | 4+PE 99 0710 70 05 |
|--------------|---|-----------|---------------------|-----------------------|

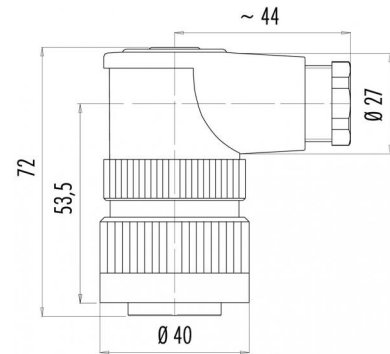
Deratingkurven



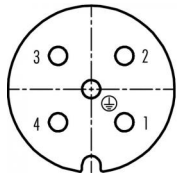
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | 4,77 | -4,77 |
| 2 | 4,77 | 4,77 |
| 3 | -4,77 | 4,77 |
| 4 | -4,77 | -4,77 |
| ⊕ | 0,00 | 0,00 |

You can find the item description on the next page.

Technical data

Common values

| | |
|--------------------------|-------------------------------|
| Connector Design | Female angled cable connector |
| Connector locking system | Screw |
| Termination | screw |
| Wire gauge (mm) | 2,50 mm ² |
| Wire gauge (AWG) | 14 |
| Cable outlet | 10 - 12 mm |
| Upper temperature | +100 °C |
| Lower temperature | -40 °C |

Material

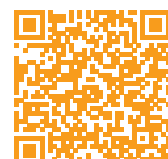
| | |
|--------------------------|----------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Ag (silver) |
| Material of contact body | PA (UL 94 HB) |
| Material of housing | PA (UL 94 V-0) |

Cable data

Contacts 4+PE, female angled connector,
Cable outlet 10 - 12 mm

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 400 V |
| Rated impulse voltage | 6000 V |
| Pollution degree | 3 |
| Overvoltage category | III |
| Material group | III |
| Rated current (40°C) | 20 A |
| Volume resistivity | ≤ 5 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP 65 |
| Mechanical operation | >500 mating cycles |



Product Area Female angled connector
RD 30 connectors

serie 694

Pole 4+PE
Article number 99 0710 70 05

Date: 2014-07-20 - Page 2 of 2

Item description

1. Winkelkappe, Winkelhülse, Dichtung, Klemmkorb und Druckschraube auffädeln.
2. Kontakteinsatz in Gehäuse einclipen.
3. Leiter abmanteln, absolieren und anschließen.
4. Winkelhülse mit vormontiertem Gehäuse bis zum mechanischen Anschlag fest verschrauben.
5. Teile gemäß Darstellung montieren.

1. Bead angled hood, sleeve, seal, pinch ring and pressing screw.
2. Clip contact insert into housing.
3. Dismantle cable, strip wire and contact wires.
4. Strongly fasten angled sleeve with preassembled housing up to mechanical stop.
5. Mount remaining parts according to figure.

