

Product **Contacts: 4+PE, cable plug connector with VDE and ETS approval, cable outlet 12 - 14 mm**

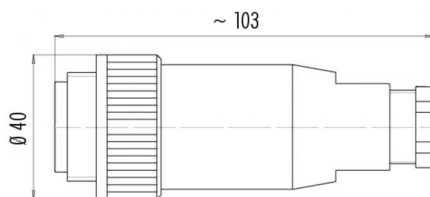
Area **RD30 Power Series 694**

Article number **99 0709 02 05**

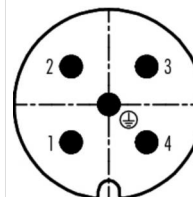
### Illustration



### Scale drawing

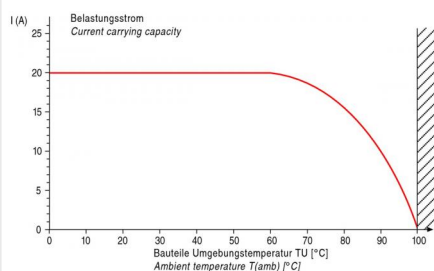


### Contact Arrangement



|   | 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  |

### Attenuation characteristics



You can find the item description on the next page.

## Technical data

### General features

|                          |                      |
|--------------------------|----------------------|
| Connector Design         | Cable Connector      |
| Connector locking system | bolted               |
| Termination              | screw                |
| Wire gauge (mm)          | 2,50 mm <sup>2</sup> |
| Wire gauge (AWG)         | 14                   |
| Cable outlet             | 12 - 14 mm           |
| Upper temperature        | 100 °C               |
| Lower temperature        | -40 °C               |

### Cable data

|            |       |
|------------|-------|
| Approval 1 | ESTI+ |
| Approval 2 | VDE   |

### Electrical parameters

|                       |                    |
|-----------------------|--------------------|
| 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  | IP65               |
| Mechanical operation  | > 50 Mating cycles |

### Material

|                          |                |
|--------------------------|----------------|
| Material of contact      | CuZn (Messing) |
| Contact plating          | Ag (silver)    |
| Material of contact body | PA (UL 94 HB)  |

|                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
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| Area           | <b>RD30 Power Series 694</b>                                                                   |
| Article number | <b>99 0709 02 05</b>                                                                           |

### Item description

