

# Product sheet

## Output connector



|         |   |                |                                  |
|---------|---|----------------|----------------------------------|
| Product | <b>Contacts 6+PE: Female cable connector with pinch ring, PG 11</b> | Area           | <b>RD24 Power Series 692/693</b> |
| Pole    | <b>6+PE</b>   | Article number | <b>99 0202 110 07</b>            |

| Illustration | Scale drawing | Contact Arrangement  |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
|--------------|---------------|--|--|---|---|---|------|-------|---|------|------|---|------|------|---|-------|------|---|-------|------|---|-------|-------|----|------|------|
|              |               | <table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,25</td> <td>-3,54</td> </tr> <tr> <td>2</td> <td>4,76</td> <td>0,63</td> </tr> <tr> <td>3</td> <td>2,22</td> <td>4,26</td> </tr> <tr> <td>4</td> <td>-2,22</td> <td>4,26</td> </tr> <tr> <td>5</td> <td>-4,76</td> <td>0,63</td> </tr> <tr> <td>6</td> <td>-3,25</td> <td>-3,54</td> </tr> <tr> <td>PE</td> <td>0,00</td> <td>0,50</td> </tr> </tbody> </table> |  | X | Y | 1 | 3,25 | -3,54 | 2 | 4,76 | 0,63 | 3 | 2,22 | 4,26 | 4 | -2,22 | 4,26 | 5 | -4,76 | 0,63 | 6 | -3,25 | -3,54 | PE | 0,00 | 0,50 |
|              | X             | Y  |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 1            | 3,25          | -3,54  |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 2            | 4,76          | 0,63   |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 3            | 2,22          | 4,26   |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 4            | -2,22         | 4,26   |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 5            | -4,76         | 0,63   |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| 6            | -3,25         | -3,54  |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |
| PE           | 0,00          | 0,50   |  |   |   |   |      |       |   |      |      |   |      |      |   |       |      |   |       |      |   |       |       |    |      |      |

You can find the item description on the next page.

### Technical data

#### Common values

|                          |                            |
|--------------------------|----------------------------|
| Connector Design         | Female cable connector     |
| Connector locking system | screw                      |
| Termination              | Crimp                      |
| Wire gauge (mm)          | 0.14 - 1.5 mm <sup>2</sup> |
| Wire gauge (AWG)         | 26-16                      |
| Cable outlet             | 8 - 10 mm                  |
| Upper temperature        | 100 °C                     |
| Lower temperature        | -40 °C                     |

#### Electrical values

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 4000 V              |
| Pollution degree      | 3                   |
| Overvoltage category  | III                 |
| Material group        | III                 |
| Rated current (40°C)  | 10 A                |
| Volume resistivity    | ≤ 5 mΩ              |
| EMV compliance        | not shielded        |
| Degree of protection  | IP67                |
| Mechanical operation  | > 500 mating cycles |

#### Material

|                          |                             |
|--------------------------|-----------------------------|
| Material of contact      | CuSn (Bronze), CuZn (Brass) |
| Contact plating          | Ag (Silver)                 |
| Material of contact body | PBT (UL 94 V-0)             |
| Material of housing      | PBT (UL 94 V-0)             |

Contacts 6+PE: Female cable connector with pinch ring, PG 11, crimp

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