

Product sheet

Output connector



| | | | |
|---------|---|----------------|----------------------------------|
| Product | Contacts: 6+PE, female cable connector with pinch ring, PG 16 with VDE, ETS, UL approval | Area | RD24 Power Series 692/693 |
| Pole | 6+PE | Article number | 99 4218 160 07 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|---|--|---|---|---|------|-------|---|------|------|---|------|------|---|-------|------|---|-------|------|---|-------|-------|----|------|------|
| | | <table border="1" style="margin-left: auto; margin-right: auto;"> <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 | Screwing |
| Wire gauge (mm) | 0.34 -1.5 mm ² |
| Wire gauge (AWG) | - |
| Cable outlet | 12 - 14 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 (8 A UL) |
| 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) |

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