

# Product sheet

## Output connector



Product	<b>Contacts: 3+PE, cable plug connector with pinch ring, PG 16 with VDE, ETS, UL approval</b>	Area	<b>RD24 Power Series 692/693</b>
Pole	<b>3+PE</b>	Article number	<b>99 4221 160 04</b>

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>-3,18</td> <td>-3,18</td> </tr> <tr> <td>2</td> <td>-3,18</td> <td>3,18</td> </tr> <tr> <td>3</td> <td>3,18</td> <td>3,18</td> </tr> <tr> <td>PE</td> <td>3,18</td> <td>-3,18</td> </tr> </tbody> </table>		X	Y	1	-3,18	-3,18	2	-3,18	3,18	3	3,18	3,18	PE	3,18	-3,18
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You can find the item description on the next page.

## Technical data

### Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	Screwing
Wire gauge (mm)	0.5 -2.5 mm <sup>2</sup>
Wire gauge (AWG)	20-14
Cable outlet	12 - 14 mm
Upper temperature	100 °C
Lower temperature	-40 °C

### Electrical values

Rated voltage	600 V
Rated impulse voltage	6000 V
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40°C)	16 A (12 A UL)
Volume resistivity	≤ 5 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

### Material

Material of contact	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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