



Circular Connectors IP68  
Circular Connectors AC 169 kompakt

AC 169 RBU/4



Order Info

|                             |               |
|-----------------------------|---------------|
| reference number (ref. no.) | 725014        |
| PU                          | 200           |
| EAN                         | 4028012130290 |

Type

|                                       |        |
|---------------------------------------|--------|
| Type                                  | socket |
| connection type                       | screw  |
| number of poles                       | 4 pole |
| colour                                | black  |
| protection against incorrect plugging | yes    |
| PE-function                           | yes    |

Electrical Data

|                                   |        |
|-----------------------------------|--------|
| rated voltage                     | 500 V  |
| rated current                     | 17.5 A |
| rated current (UL)                | 15 A   |
| rated impulse voltage             | 4.0 kV |
| protection class acc. to EN 61140 | SK II  |

Connection Data

|                           |                                |
|---------------------------|--------------------------------|
| cross-section rating      | 2.5 mm <sup>2</sup>            |
| cross-section rating (UL) | 14 AWG                         |
| clamping range            | 0.5 - 1.5 mm <sup>2</sup>      |
| sheathing cable diameter  | 7.0 - 13.5 mm                  |
| type of conductor         | fine stranded, stranded, solid |
| stripping length          | 6.0 mm                         |
| dismantling length        | 25.0 mm                        |
| dismantling length PE     | 30.0 mm                        |
| clamping units per pole   | 1                              |
| grommet assembly          | 2.0 Nm                         |
| contact screw assembly    | M3 - max. ⤵ 0.8 Nm             |
| pole marking              | 1-2-3-E                        |
| strain relief assembly    | ⤵ 2.5 Nm                       |

## Ambient Conditions

|   |           |
|---|-----------|
| <b>T<sub>max</sub> ambient air (at rated current)</b> | 60 °C     |
| <b>T<sub>max</sub> component (operation)</b>          | 125 °C    |
| <b>T<sub>min</sub> component (operation)</b>          | -40 °C    |
| <b>IP Code acc. to EN 60529</b>                       | IP66/IP68 |
| <b>impact resistance acc. to EN 62262</b>             | IK07      |

## Materials

|  |        |
|--|--------|
| <b>insulator material</b>                | PA 6.6 |
| <b>contact material</b>                  | brass  |
| <b>flammability rating acc. to UL 94</b> | V-0    |

## Approvals

|                         |     |
|-------------------------|-----|
| <b>acc. to EN 61984</b> | yes |
| <b>acc. to UL</b>       | yes |

## Accessories

|                           |        |
|---------------------------|--------|
| <b>AC 173 BC SW</b>       | 26280  |
| <b>AC 169 RVKB M20</b>    | 729184 |
| <b>AC 169 RVKB M25</b>    | 729164 |
| <b>AC 169 RWZ/2-4</b>     | 749964 |
| <b>AC 169 WKZ SW21/24</b> | 749960 |
| <b>DR 16 1x14,0</b>       | 729031 |
| <b>DR 16 1x4,0</b>        | 729033 |
| <b>DR 16 1x6,5</b>        | 729034 |
| <b>DR 16 2x4,0</b>        | 729035 |
| <b>DR 16 2x5,5</b>        | 729036 |
| <b>DR 16 3x4,0</b>        | 729037 |
| <b>DR 16 4x3,5</b>        | 729038 |
| <b>DR 16 5x3,5</b>        | 729009 |
| <b>DR 16 RH</b>           | 729011 |
| <b>DR 16 GS</b>           | 729032 |