



Circular Connectors IP68  
Circular Connectors AC 170 basic  
**AC 170 RBU/3**



Order Info

|                             |               |
|-----------------------------|---------------|
| reference number (ref. no.) | 72506328      |
| PU                          | 200           |
| EAN                         | 4028012166695 |

Type

|                                       |             |
|---------------------------------------|-------------|
| Type                                  | socket      |
| connection type                       | screw       |
| number of poles                       | 3 pole      |
| colour                                | white black |
| protection against incorrect plugging | yes         |
| PE-function                           | yes         |
| latch                                 | yes         |

Electrical Data

|                                      |        |
|--------------------------------------|--------|
| rated voltage                        | 400 V  |
| rated voltage (UL)                   | 400 V  |
| rated current                        | 25 A   |
| rated current (UL)                   | 20 A   |
| rated impulse voltage                | 4.0 kV |
| degree of pollution acc. to EN 60664 | 2      |

Connection Data

|                           |                                     |
|---------------------------|-------------------------------------|
| cross-section rating      | 1.5 mm <sup>2</sup>                 |
| cross-section rating (UL) | 12 AWG                              |
| clamping range            | 0.5 - 2.5 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        | 35.0 mm                             |
| dismantling length PE     | 40.0 mm                             |
| clamping units per pole   | 1                                   |
| contact screw assembly    | M3 - max. $\curvearrowright$ 0.8 Nm |
| pole marking              | -- ⊕                                |
| strain relief assembly    | $\curvearrowright$ 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/IP69 |
| <b>impact resistance acc. to EN 62262</b>             | IK08           |

## Materials

|  |        |
|--|--------|
| <b>insulator material</b>                | PA 6.6 |
| <b>housing material</b>                  | PA 6.6 |
| <b>gasket material</b>                   | TPE    |
| <b>contact material</b>                  | brass  |
| <b>flammability rating acc. to UL 94</b> | V-2    |

## Approvals

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

## Accessories

|                           |        |
|---------------------------|--------|
| <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 |