



Circular Connectors IP68  
Circular Connectors AC 170 basic  
**AC 170 REBU/6**



### Order Info

|                             |        |
|-----------------------------|--------|
| reference number (ref. no.) | 728866 |
| PU                          | 200    |

### Type

|                                       |                    |
|---------------------------------------|--------------------|
| Type                                  | panel mount socket |
| connection type                       | screw              |
| number of poles                       | 6 pole             |
| colour                                | white black        |
| protection against incorrect plugging | yes                |
| PE-function                           | yes                |
| latch                                 | yes                |

### Electrical Data

|                                      |        |
|--------------------------------------|--------|
| rated voltage                        | 400 V  |
| rated current                        | 17.5 A |
| rated impulse voltage                | 6.0 kV |
| degree of pollution acc. to EN 60664 | 2      |

### Connection Data

|                         |                                |
|-------------------------|--------------------------------|
| cross-section rating    | 1.5 mm <sup>2</sup>            |
| clamping range          | 0.5 - 1.5 mm <sup>2</sup>      |
| type of conductor       | fine stranded, stranded, solid |
| stripping length        | 6.0 mm                         |
| clamping units per pole | 1                              |
| lock nut assembly       | 2.5 Nm                         |
| contact screw assembly  | M3 - max. $\tau$ 0.8 Nm        |
| housing hole            | M28                            |
| pole marking            | 1 2 3 L N $\oplus$             |
| wall thickness          | 12.0 mm                        |

### Ambient Conditions

|   |        |
|---|--------|
| T <sub>max</sub> ambient air (at rated current) | 60 °C  |
| T <sub>max</sub> component (operation)          | 125 °C |
| T <sub>min</sub> component (operation)          | -40 °C |

|                                 |      |
|---------------------------------|------|
| <b>IP Code acc. to EN 60529</b> | IP68 |
|---------------------------------|------|

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