



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