



## Building Installation Connector System AC 166®

### G Plug and Socket Connectors Flat Version

## AC 166 GBUF/325 WS

socket, 3 pole, white, coding: 1 (mains), cable diameter min.: 9.5 mm, cable diameter max.: 10.5 mm, voltage rating: 250 V, current rating: 20.0 A, cross-section rating: 2.5 mm<sup>2</sup>, connection type: screw



### Order Info

reference number (ref. no.)	165653
PU	200
EAN	4028012107278

### Type

type	socket
number of poles	3 pole
clamping units per pole	1
colour	white
coding	1 (mains)
cross-section rating	2.5 mm <sup>2</sup>
connection type	screw
PE function	yes
protection against incorrect plugging	yes

### Technical Data

voltage rating	250 V
current rating	20.0 A
insulating material	PA 6.6
contact material	brass
core cross-section min.	0.5 mm <sup>2</sup>
core cross-section max.	4.0 mm <sup>2</sup>
impulse voltage rating	4.0 kV
flammability rating	V-2
max. Ambient Temperature Operation	70 °C
IP code	IP20
IP code when plugged	IP40
type of conductor solid	yes
type of conductor flexible	yes
type of conductor stranded	yes

<b>stripping length</b>	7.0 mm
<b>dismantling length PE</b>	39.0 mm
<b>dismantling length</b>	32.0 mm
<b>Assembly Contact Screw</b>	0.5x3.0 / $\cup$ 0.3 Nm
<b>strain relief assembly</b>	PZ 1 / $\cup$ 0.5 Nm
<b>cable diameter min.</b>	9.5 mm
<b>cable diameter max.</b>	10.5 mm
<b>strain relief</b>	yes
<b>upper limit temperature</b>	100 °C

## Approvals

<b>acc. to EN 61535</b>	<a href="#">Download PDF</a>
<b>acc. to UL</b>	<a href="#">Download PDF</a>
<b>acc. to CSA</b>	<a href="#">Download PDF</a>

## Accessories

<b>AC 166 VSF SW</b>	169563
<b>AC 166 VSF WS</b>	169553