



## Building Installation Connector System AC 166® G Plug and Socket Connectors Flat Version AC 166 GBUF/515 SW



socket, connection type: screw, 5 pole, black, coding: 1 (mains), cable diameter min.: 9.3 mm, cable diameter max.: 10.3 mm, voltage rating: 400 V, current rating: 20 A, cross-section rating: 2.5 mm<sup>2</sup>

### Order Info

reference number (ref.no.)	165465
PU	100
EAN	4028012103799

### Type

type	socket
number of poles	5 pole
clamping units per pole	1
colour	black
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	400 V
current rating	20 A
impulse voltage rating	4.0 kV
insulating material	PA
contact material	brass
core cross-section min.	0.5 mm <sup>2</sup>
core cross-section max.	4.0 mm <sup>2</sup>
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>assembly strain relief</b>	PZ 1 / $\cup$ 0.5 Nm
<b>cable diameter min.</b>	9.3 mm
<b>cable diameter max.</b>	10.3 mm
<b>strain relief</b>	yes

## 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