



## Connectors System AC 166® Plug and Socket Connectors Flat Version

### AC 166 GSTF/525 black

Plug, 5 pole, black, Coding: 1 (Mains), Cable Diameter min.: 11.3 mm, Cable Diameter max.: 12.3 mm, Voltage Rating: 250 V, Current Rating: 20 A, Cross-Section: 2.5 mm<sup>2</sup>, Connection Type: Screw



#### Order Info

<b>Reference Number (ref. no.)</b>	162665
<b>Applications</b>	Lighting, Installation, Electrical Appliances
<b>PU</b>	100
<b>EAN</b>	4028012102150

#### Type

<b>Type</b>	Plug
<b>Number of poles</b>	5 pole
<b>Clamping Units per Pole</b>	1
<b>Colour</b>	black
<b>Coding</b>	1 (Mains)
<b>Cross-Section</b>	2.5 mm <sup>2</sup>
<b>Connection Type</b>	Screw
<b>PE Function</b>	yes
<b>Protection Against Incorrect Plugging</b>	yes

#### Technical Data

<b>Voltage Rating</b>	250 V
<b>Current Rating</b>	20 A
<b>Insulating Material</b>	PA 6.6
<b>Contact Material</b>	Brass
<b>Core Cross-Section min.</b>	0.5 mm <sup>2</sup>
<b>Core Cross-Section max.</b>	2.5 mm <sup>2</sup>
<b>Impulse Voltage Rating</b>	4.0 kV
<b>Flammability Rating</b>	V-2
<b>max. Ambient Temperature Operation</b>	70 °C
<b>IP Code</b>	IP20
<b>IP Code when Plugged</b>	IP40
<b>Type of Conductor Solid</b>	yes
<b>Type of Conductor Flexible</b>	yes
<b>Type of Conductor Stranded</b>	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>	11.3 mm
<b>Cable Diameter max.</b>	12.3 mm
<b>Strain Relief</b>	yes
<b>Approbation EN61535</b>	AC166-G_Leitungen_EN61535_20121212_20180725_VDE_ENEC_40
<b>Approbation UL</b>	160_163_AC164_AC166_20011003_20170727_UL_E220480_Sec.1-(
<b>Approbation CSA</b>	AC_160-163-166_166G_20080321_CSA_1997949_Certificate_web.p

## Accessories

<b>AC 166 VSF white</b>	169553
<b>AC 166 VSF black</b>	169563
<b>AC 166 VSE white</b>	169453
<b>AC 166 VSE black</b>	169463
<b>AC 166 VSL white</b>	169554
<b>AC 166 VSL black</b>	169564
<b>AC 166 VSF white</b>	169553
<b>AC 166 VSF black</b>	169563