



Connectors System AC 166® Plug and Socket Connectors Flat Version

AC 166 GSTF/515 black

Plug, 5 pole, black, Coding: 1 (Mains), Cable Diameter min.: 9.3 mm, Cable Diameter max.: 10.3 mm, Voltage Rating: 250 V, Current Rating: 20 A, Cross-Section: 2.5 mm², Connection Type: Screw



Order Info

| | |
|------------------------------------|---|
| Reference Number (ref. no.) | 162465 |
| Applications | Lighting, Installation, Electrical Appliances |
| PU | 100 |
| EAN | 4028012103768 |

Type

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

Technical Data

| | |
|---|---------------------|
| Voltage Rating | 250 V |
| Current Rating | 20 A |
| Insulating Material | PA 6.6 |
| Contact Material | Brass |
| Core Cross-Section min. | 0.5 mm ² |
| Core Cross-Section max. | 2.5 mm ² |
| 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 |

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|-------------------------------|--|
| Stripping Length | 7.0 mm |
| Dismantling Length PE | 39.0 mm |
| Dismantling Length | 32.0 mm |
| Assembly Contact Screw | 0.5x3.0 / \cup 0.3 Nm |
| Assembly Strain Relief | PZ 1 / \cup 0.5 Nm |
| Cable Diameter min. | 9.3 mm |
| Cable Diameter max. | 10.3 mm |
| Strain Relief | yes |
| Approbation EN61535 | AC166-G_Leitungen_EN61535_20121212_20180725_VDE_ENEC_40 |
| Approbation UL | 160_163_AC164_AC166_20011003_20170727_UL_E220480_Sec.1-(|
| Approbation CSA | AC_160-163-166_166G_20080321_CSA_1997949_Certificate_web.p |

Accessories

| | |
|-------------------------|--------|
| AC 166 VSF white | 169553 |
| AC 166 VSF black | 169563 |
| AC 166 VSE white | 169453 |
| AC 166 VSE black | 169463 |
| AC 166 VSL white | 169554 |
| AC 166 VSL black | 169564 |
| AC 166 VSF white | 169553 |
| AC 166 VSF black | 169563 |