ADELS contact

## 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 mm² |
| **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 mm² |
| **Core Cross-Section max.** | 2.5 mm² |
| **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 |

| | |
|---|---|
| **Stripping Length** | 7.0 mm |
| **Dismantling Length PE** | 39.0 mm |
| **Dismantling Length** | 32.0 mm |
| **Assembly Contact Screw** | 0.5x3.0 / ↻ 0.3 Nm |
| **Assembly Strain Relief** | PZ 1 / ↻ 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 |