



Connectors System AC 166® Plug and Socket Connectors Flat Version

AC 166 GBUF/315 black

socket, 3 pole, black, coding: 1 (mains), cable diameter max.: 7.5 mm, cable diameter max.: 8.5 mm, voltage rating: 250 V, current rating: 20 A, cross-section rating: 2.5 mm²



Order Info

| | |
|------------------------------------|---|
| reference number (ref. no.) | 165463 |
| Applications | Lighting, Installation, Electrical Appliances |
| PU | 200 |
| EAN | 4028012102082 |

Type

| | |
|--|---------------------|
| type | socket |
| number of poles | 3 pole |
| clamping units per pole | 1 |
| colour | black |
| coding | 1 (mains) |
| cross-section rating | 2.5 mm ² |
| 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 |
| 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 |
| strain relief assembly | PZ 1 / \cup 0.5 Nm |
| cable diameter max. | 7.5 mm |
| cable diameter max. | 8.5 mm |
| strain relief | yes |
| core cross-section | 2.5 mm ² |
| Approbation EN61535 | AC166-G_Leitungen_EN61535_20121212_20180725_VDE_ENEC_4C |
| 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 black | 169563 |
| AC 166 VSF white | 169553 |