



Building Installation Connector System AC 166® G Plug and Socket Connectors Flat Version AC 166 GBUF/315 SW



socket, connection type: screw, 3 pole, black, coding: 1 (mains), cable diameter min.: 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 |
| 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 |
| connection type | screw |
| PE function | yes |
| protection against incorrect plugging | yes |

Technical Data

| | |
|------------------------------------|---------------------|
| voltage rating | 250 V |
| current rating | 20 A |
| impulse voltage rating | 4.0 kV |
| insulating material | PA |
| contact material | brass |
| core cross-section min. | 0.5 mm ² |
| core cross-section max. | 4.0 mm ² |
| 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 |
| assembly strain relief | PZ 1 / \cup 0.5 Nm |
| cable diameter min. | 7.5 mm |
| cable diameter max. | 8.5 mm |
| strain relief | yes |

Approvals

| | |
|-------------------------|------------------------------|
| acc. to EN 61535 | Download PDF |
| acc. to UL | Download PDF |
| acc. to CSA | Download PDF |

Accessories

| | |
|----------------------|--------|
| AC 166 VSF SW | 169563 |
| AC 166 VSF WS | 169553 |