



Building Installation Connector System AC 166®
G
Plug and Socket Connectors Tall Version

AC 166 GBU/ 3 PB



Order Info

| | |
|-----------------------------|---------------|
| reference number (ref. no.) | 165043 |
| PU | 200 |
| EAN | 4028012112708 |

Type

| | |
|---------------------------------------|-------------|
| Type | socket |
| connection type | screw |
| number of poles | 3 pole |
| coding | 5 (DALI) |
| colour | pastel blue |
| protection against incorrect plugging | yes |

Electrical Data

| | |
|-----------------------|--------|
| rated voltage | 250 V |
| rated current | 20 A |
| rated impulse voltage | 4.0 kV |

Connection Data

| | |
|---------------------------|--------------------------------|
| cross-section rating | 2.5 mm ² |
| cross-section rating (UL) | 14 AWG |
| clamping range | 0.5 - 4.0 mm ² |
| type of conductor | fine stranded, stranded, solid |
| stripping length | 7.0 mm |
| fixing | Screw |
| clamping units per pole | 1 |
| contact screw assembly | 0.8 x 4.0 / ⌀ 0.5 Nm |
| mounting hole diameter | 3.1 mm |

Ambient Conditions

| | |
|---|--------|
| T _{max} ambient air (at rated current) | 70 °C |
| T _{max} component (operation) | 110 °C |
| T _{min} component (operation) | -20 °C |
| IP Code acc. to EN 60529 | IP20 |

| | |
|----------------------|------|
| IP Code when plugged | IP40 |
|----------------------|------|

Materials

| | |
|-----------------------------------|-------|
| insulator material | PA |
| contact material | brass |
| flammability rating acc. to UL 94 | V-2 |

Approvals

| | |
|------------------|-----|
| acc. to EN 61535 | yes |
| acc. to UL | yes |
| acc. to CSA | yes |

Accessories

| | |
|------------------------|--------|
| AC 166-1/ 3 ZEL F SW | 166163 |
| AC 166-1/ 3 ZEL F WS | 166153 |
| AC 166-1/ 3 ZEL FEO SW | 12822 |
| AC 166-1/ 3 ZEL FO SW | 12833 |
| AC 166-1/ 3 ZEL FO WS | 12837 |
| AC 166-1/ 3 ZEL R SW | 166063 |
| AC 166-1/ 3 ZEL R WS | 166053 |
| AC 166-1/ 3 ZEL RO SW | 12873 |
| AC 166-1/ 3 ZEL RO WS | 12883 |
| AC 166-1/ 6 ZEL R SW | 166066 |
| AC 166-1/ 6 ZEL R WS | 166056 |
| AC 166-1/ 6 ZEL RO SW | 13019 |
| AC 166-1/ 6 ZEL RO WS | 13020 |