



Connectors System AC 164
Plug and Socket Connectors Flat Version

AC 164 STF/ 3 SW



Order Info

| | |
|-----------------------------|---------------|
| reference number (ref. no.) | 146463 |
| PU | 200 |
| EAN | 4028012117260 |

Type

| | |
|---------------------------------------|-----------|
| Type | plug |
| connection type | screw |
| number of poles | 3 pole |
| coding | 1 (mains) |
| colour | black |
| protection against incorrect plugging | yes |
| PE-function | yes |
| latch | yes |

Electrical Data

| | |
|-----------------------|--------|
| rated voltage | 250 V |
| rated voltage (UL) | 600 V |
| rated current | 16 A |
| rated current (UL) | 16 A |
| rated impulse voltage | 4.0 kV |

Connection Data

| | |
|---------------------------|--------------------------------|
| cross-section rating | 2.5 mm ² |
| cross-section rating (UL) | 16 AWG |
| clamping range | 0.5 - 2.5 mm ² |
| sheathing cable diameter | 5.4 - 10.0 mm |
| type of conductor | fine stranded, stranded, solid |
| stripping length | 7.0 mm |
| dismantling length | 22.0 mm |
| dismantling length PE | 29.0 mm |
| clamping units per pole | 1 |
| contact screw assembly | PZ 1 / ⤵ 0.5 Nm |
| strain relief assembly | PZ 1 / ⤵ 0.5 Nm |

Ambient Conditions

| | |
|---|-------|
| T _{max} ambient air (at rated current) | 70 °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 CE | yes |
| acc. to UKCA | yes |

Accessories

| | |
|------------------|--------|
| AC 164 VT 3/3 SW | 149763 |
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