



## Connectors System AC 164 Plug and Socket Connectors Flat Version

### AC 164 BUF/ 2 SW



#### Order Info

|                             |               |
|-----------------------------|---------------|
| reference number (ref. no.) | 147462        |
| PU                          | 200           |
| EAN                         | 4028012117352 |

#### Type

|                                       |           |
|---------------------------------------|-----------|
| Type                                  | socket    |
| connection type                       | screw     |
| number of poles                       | 2 pole    |
| coding                                | 1 (mains) |
| colour                                | black     |
| protection against incorrect plugging | 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 <sup>2</sup>            |
| cross-section rating (UL) | 16 AWG                         |
| clamping range            | 0.5 - 2.5 mm <sup>2</sup>      |
| sheathing cable diameter  | 5.0 - 8.8 mm                   |
| type of conductor         | fine stranded, stranded, solid |
| stripping length          | 7.0 mm                         |
| dismantling length        | 22.0 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 <sub>max</sub> ambient air (at rated current) | 70 °C |
|---|-------|

|                                 |      |
|---------------------------------|------|
| <b>IP Code acc. to EN 60529</b> | IP20 |
| <b>IP Code when plugged</b>     | IP40 |

## Materials

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

## Approvals

|                         |     |
|-------------------------|-----|
| <b>acc. to EN 61535</b> | yes |
| <b>acc. to UL</b>       | yes |

## Accessories

|                         |        |
|-------------------------|--------|
| <b>AC 164 VT 3/2 SW</b> | 149762 |
|-------------------------|--------|