



General ordering data

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|------------------|---|
| Order No. | 1028700000 |
| Part designation | WFF 300 |
| Version | Stud terminal, 300 mm ² , Threaded stud connection, Wemid, dark beige, TS 35 |
| EAN | 4008190165017 |
| Qty. | 4 pc(s). |

Product notes

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|-------------------|---|
| Note, accessories | WAH 185/300 in blue, order no. 1064780000 |
|-------------------|---|

PT OKIECEX/ATEX rating data

| | |
|--------------------------------------|--|
| EU-type examination certificate | KEMA98ATEX1684U |
| Download, German | KEMA98ATEX1684U_d.pdf |
| Download English | KEMA98ATEX1684U_e.pdf |
| ATEX voltage | 1100 V |
| ATEX current | 452 A |
| ATEX conductor cross-section | 300 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity |
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

Additional technical data

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|-----------------------------------|------------|
| Colour of insulating material | dark beige |
| Connection direction | on side |
| End plate required | No |
| Explosion-tested version "Ex e" | Yes |
| Installation advice | TS 35 |
| Insulating material | Wemid |
| Levels cross-connected internally | No |
| No. of identical terminals | 1 |
| No. of levels | 1 |

Additional technical data

| | |
|--|-----------------------|
| No. of terminal strips per level | 2 |
| Open sides | closed |
| Operating temperature range | - 50 °C, + 120 °C |
| Product family | W-Series |
| Type of connection | Screwed |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | Feed-through terminal |

CSA rating data

| | |
|--------------------------|-----------|
| Voltage (CSA) | 600 V |
| CSA current | 510 A |
| Min. cross-section (CSA) | AWG 6 |
| Max. cross-section (CSA) | kcmil 600 |

Conductors for clamping (rated connection)

| | |
|----------------------|--------------------------|
| Type of connection | Threaded stud connection |
| Connection direction | on side |
| Flexible, min. | 25 mm ² |
| Flexible, max. | 240 mm ² |

Dimensions

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|--------------------------|----------|
| Width | 55 mm |
| Height of lowest version | 86 mm |
| Length | 163 mm |
| Weight | 552.15 g |
| TS 35 offset | 81.5 mm |

Rating data

| | |
|-----------------------------|---------------------|
| Rated cross-section | 300 mm ² |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Rated current | 520 A |
| Current with max. conductor | 520 A |
| Pollution severity | 3 |

Strap connection

| | |
|---------------|------------|
| Strap 1, max. | 3 x 35 x 1 |
| Strap 1, min. | 2 x 4 x 1 |
| Strap 2, max. | 8 x 32 x 1 |
| Strap 2, min. | 6 x 32 x 1 |

Stud connection

| | |
|--------------------------------|--------------------------|
| 2 cable lugs to DIN 46234 | 50...240 mm ² |
| 2 cable lugs to DIN 46234 | 25...240 mm ² |
| Cable lug to DIN 46234 | 50...300 mm ² |
| Cable lug to DIN 46234 | 25...240 mm ² |
| Clamping range, max. | 300 mm ² |
| Clamping range, min. | 25 mm ² |
| Stud size for spade connection | M 16 |
| Tightening torque range | 25...60 Nm |

Stud connection**UL rating data**

| | |
|-------------------------|-----------|
| Voltage (UL) | 1,000 V |
| Current (UL) | 500 A |
| Min. cross-section (UL) | AWG 6 |
| Max. cross-section (UL) | kcmil 600 |

Approvals

Approvals institutes

**Downloads**

STEP 1028700000_17248_WFF_300_STP.stp

Classifications

| | |
|------------|----|
| eClass 4.1 | NK |
| eClass 5.0 | NK |
| eClass 5.1 | NK |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|---|
| 1028300000 | WFF 35 | Stud terminal, 35 mm ² , Threaded stud connection, Wemid, dark beige, TS 35 |
| 1028380000 | WFF 35 BL | Stud terminal, 35 mm ² , Threaded stud connection, Wemid, blue, TS 35 |
| 1028400000 | WFF 70 | Stud terminal, 70 mm ² , Threaded stud connection, Wemid, dark beige, TS 35 |
| 1028480000 | WFF 70 BL | Stud terminal, 70 mm ² , Threaded stud connection, Wemid, blue/light blue, TS 35 |
| 1028500000 | WFF 120 | Stud terminal, 120 mm ² , Threaded stud connection, Wemid, dark beige, TS 35 |
| 1028580000 | WFF 120 BL | Stud terminal, 120 mm ² , Threaded stud connection, Wemid, blue, TS 35 |
| 1857540000 | WFF 120/M12/AH | Stud terminal, 120 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1028600000 | WFF 185 | Stud terminal, 185 mm ² , Threaded stud connection, Wemid, dark beige, TS 35 |

1028680000 WFF 185 BL

Stud terminal, 185 mm², Threaded stud connection, Wemid, blue,
TS 35