



General ordering data

| | |
|------------------|--|
| Order No. | 1024680000 |
| Part designation | WDU 70/95 BL |
| Version | Feed-through terminal, 95 mm ² , Screw connection, Wemid, blue, TS 35 |
| EAN | 4008190179540 |
| Qty. | 10 pc(s). |

Product notes

| | |
|---------------------|--|
| Note, ordering data | For details of ribbon cable see online catalogue, and for direct mounting see section "W-series accessories". |
| Product description | Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal. Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminal. |
| Note, accessories | Auxiliary connection for the additional conductor "WZAD 70", order no. 1066000000 (up to 4 mm ² , 32 A) |

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|---|
| EU-type examination certificate | KEMA98ATEX1686U |
| Download, German | KEMA98ATEX1686U_d.pdf |
| Download English | KEMA98ATEX1686U_e.pdf |
| ATEX voltage | 690 V |
| ATEX current | 202 A |
| ATEX conductor cross-section | 70 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------|-------------|
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

| | |
|--|--------------------|
| Solid, min. | 16 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 16 mm ² |
| Stranded, max. | 35 mm ² |
| Flexible, min. | 16 mm ² |
| Flexible, max. | 35 mm ² |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 16 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 35 mm ² |

Additional technical data

| | |
|--|-----------------------|
| Colour of insulating material | blue |
| 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 |
| 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 | 205 A |
| Min. cross-section (CSA) | AWG 6 |
| Max. cross-section (CSA) | AWG 2/0 |

Conductors for clamping (rated connection)

| | |
|-------------------------|----------------------|
| Clamping range, min. | 13.3 mm ² |
| Clamping range, max. | 120 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 30 mm |
| Clamping screw | M 8 |
| Blade size | S6 (DIN 6911) |
| Tightening torque range | 6.0...12 Nm |
| Gauge to IEC 60947-1 | B12 |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Solid, min. | 16 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 16 mm ² |
| Stranded, max. | 120 mm ² |
| Flexible, min. | 16 mm ² |
| Flexible, max. | 95 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 16 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 95 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 16 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 50 mm ² |
| AWG conductor size, min. | AWG 6 |
| AWG conductor size, max. | AWG 2/0 |
| AWG conductor size, min. | 13.3 mm ² |
| AWG conductor size, max. | 120 mm ² |

Dimensions

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|--------------------------|--------|
| Width | 27 mm |
| Height of lowest version | 108 mm |
| Length | 132 mm |
| Weight | 340 g |
| TS 35 offset | 66 mm |

Rating data

| | |
|-----------------------------|--------------------|
| Rated cross-section | 95 mm ² |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Rated current | 232 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 232 A |
| Pollution severity | 3 |

Strap connection

| | |
|---------------|-------------------|
| Strap 1, max. | 6 layers 16 x 0.8 |
| Strap 1, min. | 4 layers 16 x 0.8 |
| Strap 2, max. | 6 layers 9 x 0.8 |
| Strap 2, min. | 3 layers 9 x 0.8 |

UL rating data

| | |
|-------------------------|---------|
| Voltage (UL) | 600 V |
| Current (UL) | 175 A |
| Min. cross-section (UL) | AWG 6 |
| Max. cross-section (UL) | AWG 2/0 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|--|
| 1024600000 | WDU 70/95 | Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1024650000 | WDU 70/95 HG | Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1026700000 | WDU 70/95/3 | Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1032300000 | WDU 70/95/5/N | Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35 |