

WPE 70/95**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

| | |
|------------|---|
| Version | PE terminal, Screw connection, 95 mm ² , 11400 A (95 mm ²), Green/yellow |
| Order No. | 1037300000 |
| Type | WPE 70/95 |
| GTIN (EAN) | 4008 190495664 |
| Qty. | 10 pc(s). |

Creation date March 22, 2021 6:03:05 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 107 mm | Depth (inches) | 4.213 inch |
| Depth including DIN rail | 115.5 mm | Height | 132 mm |
| Height (inches) | 5.197 inch | Net weight | 387.803 g |
| Width | 27 mm | Width (inches) | 1.063 inch |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---|
| Storage temperature | | Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
| | -25 °C...55 °C | | |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Material data

| | | | |
|---------------------------|-------|--------|--------------|
| Material | Wemid | Colour | Green/yellow |
| UL 94 flammability rating | V-0 | | |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---|---------------------------------|--------------------|
| Certificate No. (ATEX) | DEMKO14ATEX1338U | Certificate No. (IECEX) | IECEXULD14.0005U |
| Wire cross section max. (ATEX) | 95 mm ² | Wire cross section max. (IECEX) | 95 mm ² |
| Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity | Marking EN 60079-7 | |
| Ex 2014/34/EU label | II 2 G D | | Ex eb II C Gb |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, With PE connection, in closed state | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | Yes |
| Rail | TS 35 | N-function | No |
| PE function | Yes | PEN function | Yes |

Additional technical data

| | | | |
|--------------------------|------------------|-----------------------------|-----------------|
| Explosion-tested version | Yes | Installation advice | when screwed in |
| Interlock | for screw fixing | Number of similar terminals | 1 |
| Open sides | closed | Type of mounting | when screwed in |

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA) | 12400-382 | Wire cross section max. (CSA) | 00 AWG |
| Wire cross section min. (CSA) | 6 AWG | | |

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Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | S6 (DIN 6911) | Clamping range, max. | 120 mm ² |
| Clamping range, min. | 13.3 mm ² | Clamping screw | M 8 |
| Connection cross-section, stranded, max. | 120 mm ² | Connection cross-section, stranded, min. | 16 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | B12 |
| Number of connections | 2 | Stripping length | 30 mm |
| Tightening torque, max. | 12 Nm | Tightening torque, min. | 6 Nm |
| Type of connection | Screw connection | Wire connection cross section, finely stranded, max. | 95 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 95 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 16 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 50 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 35 mm ² |
| Wire connection cross-section, solid core, max. | 16 mm ² | Wire connection cross-section, solid core, min. | 16 mm ² |

Dimensions

| | |
|--------------|---------|
| TS 35 offset | 31.5 mm |
|--------------|---------|

General

| | | | |
|---------------------|-----------------|------|-------|
| Installation advice | when screwed in | Rail | TS 35 |
| Standards | IEC 60947-7-2 | | |

PE rating data

| | | | |
|--|-------------------------------|------------------------------|-----|
| Rated short-time current | 11400 A (95 mm ²) | Centre screw on PE terminals | M 6 |
| Tightening torque range for fixing screw | 3.0...6.0 Nm | PEN function | Yes |

Rating data

| | | | |
|--|---------|--|--------------------|
| Power loss in accordance with IEC 60947-7-x | 7.42 W | Rated cross-section | 95 mm ² |
| Rated voltage to adjoining terminal | 1,000 V | Standards | IEC 60947-7-2 |
| Volume resistance according to IEC 60947-7-x | 0.14 mΩ | Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 00 AWG |
| Conductor size Factory wiring min. (UR) | 6 AWG | Conductor size Field wiring max. (UR) | 00 AWG |
| Conductor size Field wiring min. (UR) | 6 AWG | UL_wire_max_Print | 0 AWG |
| UL_wire_min_Print | 6 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000901 | ETIM 7.0 | EC000901 |
| ECLASS 9.0 | 27-14-11-41 | ECLASS 9.1 | 27-14-11-41 |
| ECLASS 10.0 | 27-14-11-41 | ECLASS 11.0 | 27-14-11-41 |

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Technical data

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Attestation of Conformity IECEX Certificate EAC certificate INMETRO certificate EAC EX Certificate CCC Ex Certificate Declaration of Conformity ATEX Certificate Declaration of Conformity |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | NTI WDU/ WPE 70/95 StorageConditionsTerminalBlocks Instruction |

Data sheet

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Drawings

