

PTSI 4/LD 36V AC/DC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

General ordering data

| | |
|------------|---|
| Version | Field Power® plug-in connector, Fuse, IP20, Polyamide, PUSH IN, Number of poles : 5 |
| Order No. | 1252210000 |
| Type | PTSI 4/LD 36V AC/DC |
| GTIN (EAN) | 4050118044331 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 55 mm | Depth (inches) | 2.1654 inch |
| Height | 85 mm | Height (inches) | 3.3464 inch |
| Width | 57 mm | Width (inches) | 2.2441 inch |
| Net weight | 92 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...55 °C |
|---------------------|----------------|-----------------------|----------------|

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7cl |
| REACH SVHC | No SVHC above 0.1 wt% |

Clamping capacity, PUSH IN connection

| | | | |
|--|----------------------|--|----------------------|
| Clamping range, max. PUSH IN connection | 4 mm ² | Clamping range, min. PUSH IN connection | 0.5 mm ² |
| Blade size, PUSH IN connection | 3.0 x 0.5 mm | Stripping length, PUSH IN connection | 12 mm |
| Finely-stranded flexible, max. PUSH IN connection | 4.00 mm ² | Finely-stranded flexible, min. PUSH IN connection | 0.50 mm ² |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min. | 0.5 mm ² | Cross-section for connected wire, flexible, PUSH IN connection, max. | 4 mm ² |
| Cross-section for connected wire, PUSH IN connection, solid, max. | 4 mm ² | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max. | 4.00 mm ² |
| Cross-section for connected wire, flexible, PUSH IN connection, min. | 0.5 mm ² | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max. | 4.00 mm ² |
| Cross-section for connected wire PUSH IN connection, solid, min. | 0.5 mm ² | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min. | 0.50 mm ² |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max. | 4 mm ² | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max. | 4.00 mm ² |
| Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min. | 0.50 mm ² | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min. | 0.50 mm ² |

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Clamping capacity

| | | | |
|-------------------------------------|---|--------------------------|---------------------------|
| Connection data - plug-in connector | Wire connection method | PUSH IN | |
| | Blade size of operating tool | 3.0 x 0.5 mm | |
| | Stripping length | 12.00 mm | |
| | Number of poles | 5 | |
| | Conductor connection cross-section, solid, max. | 4 mm ² | |
| | Conductor connection cross-section, solid, min. | 0.50 mm ² | |
| | Conductor connection cross-section, stranded, max. | 4.00 mm ² | |
| | Conductor connection cross-section, stranded, min. | 0.50 mm ² | |
| | Conductor connection cross-section, finely stranded, max. | 4.00 mm ² | |
| | Conductor connection cross-section, finely stranded, min. | 0.50 mm ² | |
| | Conductor connection cross-section, finest stranded, max. | 4.00 mm ² | |
| | Conductor connection cross-section, finest stranded, min. | 0.50 mm ² | |
| | Conductor connection cross-section with wire end ferrule | Type of wire end ferrule | 12 mm with plastic collar |
| | | Standard | DIN 46228/1 |
| | | Cross-section, min. | 0.5 mm ² |
| | | Cross-section, max. | 4 mm ² |
| | | Type of wire end ferrule | 12 mm with plastic collar |
| | | Standard | DIN 46228/4 |
| | | Cross-section, min. | 0.5 mm ² |
| | | Cross-section, max. | 4 mm ² |
| | | Type of wire end ferrule | 8 mm with plastic collar |
| | | Standard | DIN 46228/1 |
| | | Cross-section, min. | 0.5 mm ² |
| Cross-section, max. | | 4 mm ² | |
| Type of wire end ferrule | 8 mm with plastic collar | | |
| Standard | DIN 46228/4 | | |
| Cross-section, min. | 0.5 mm ² | | |
| Cross-section, max. | 4 mm ² | | |
| Type of wire end ferrule | Twin wire-end ferrules | | |
| Cross-section, min. | 0.5 mm ² | | |
| Cross-section, max. | 4 mm ² | | |

General data

| | | | |
|------------------------------|----------------------------|----------------------------|------------------|
| Insulating material | Polyamide | Silicone | No |
| Colour | black | Protection degree | IP20 |
| UL 94 flammability rating | V-0 | Type of mounting | Plugged |
| Function | Fuse | Can be coded | Yes, Coded on PE |
| Test point | 2 mm | Number of poles | 5 |
| Number of connections / pole | 1 | Wire connection method | PUSH IN |
| Cartridge fuse | 6.3 x 32 mm (1/4 x 1 1/4") | Conductor outlet direction | 90° |
| Failure indicator | Red LED | | |

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Technical data**Rated data acc. to IEC**

| | | |
|--------------------------------------|---------------------------------|--------------------------|
| Rated data acc. to IEC for fuse plug | Voltage type | AC, DC |
| | Standard | IEC 61984, IEC 60947-7-3 |
| | Rated voltage | 36 V |
| | Rated impulse withstand voltage | 6.00 kV |
| | Rated current | 12 A |

Rated data acc. to UL

Rated data acc. to UL for fuse plug

Classifications

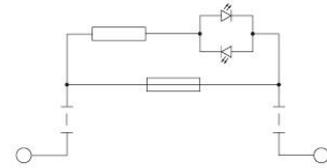
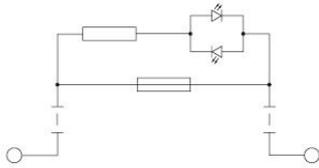
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ETIM 10.0 | EC002943 | ECLASS 14.0 | 27-44-02-92 |
| ECLASS 15.0 | 27-44-02-92 | | |

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Drawings

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Accessories

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Fuse



As accessories for our wide product portfolio of fuse terminal blocks, we also offer the appropriate fuse links. The portfolio includes device protection fuses (miniature fuses) from 5x20 mm up to 10x38 mm, E 14 to E 18 fuse links, as well as automotive fuses and automatic circuit breakers. Gauge rings for the fuse holders round off the overall portfolio.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | GZ 12.5A/F | Version |
| Order No. | 1460650000 | Miniature fuse, quick-acting, 12.5 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266627 | |
| Qty. | 10 ST | |
| Type | GZ 10.0A/F | Version |
| Order No. | 1460640000 | Miniature fuse, quick-acting, 10 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266801 | |
| Qty. | 10 ST | |
| Type | GZ 7.0A/F | Version |
| Order No. | 1460630000 | Miniature fuse, quick-acting, 7 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266726 | |
| Qty. | 10 ST | |
| Type | GZ 5.0A/F | Version |
| Order No. | 1460620000 | Miniature fuse, quick-acting, 5 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266610 | |
| Qty. | 10 ST | |
| Type | GZ 3.0A/F | Version |
| Order No. | 1460610000 | Miniature fuse, quick-acting, 3 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266702 | |
| Qty. | 10 ST | |
| Type | GZ 2.0A/F | Version |
| Order No. | 1460600000 | Miniature fuse, quick-acting, 2 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266719 | |
| Qty. | 10 ST | |
| Type | GZ 1.0A/F | Version |
| Order No. | 1460590000 | Miniature fuse, quick-acting, 1 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266634 | |
| Qty. | 10 ST | |
| Type | GZ 0.5A/F | Version |
| Order No. | 1460580000 | Miniature fuse, quick-acting, 0.5 A, G-Si. 6.3 x 32 |
| GTIN (EAN) | 4050118266603 | |
| Qty. | 10 ST | |

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Accessories

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Tools

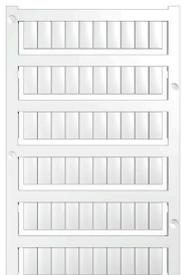


Sheathing stripper for PVC cables

General ordering data

| | | | |
|------------|----------------------------|----------------------------|--|
| Type | AM 16 | Version | |
| Order No. | 9204190000 | Tools, Sheathing strippers | |
| GTIN (EAN) | 4032248608133 | | |
| Qty. | 1 ST | | |
| Type | AM 25 | Version | |
| Order No. | 9001540000 | Tools, Sheathing strippers | |
| GTIN (EAN) | 4008190138271 | | |
| Qty. | 1 ST | | |

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | WS 12/6 MC NE WS | Version | |
| Order No. | 1609900000 | WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, | |
| GTIN (EAN) | 4008190203467 | Allen-Bradley, white | |
| Qty. | 600 ST | | |

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Accessories

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | SDS 0.5X3.0X80 | Version | |
| Order No. | 2749330000 | Screwdriver, Blade width (B): 3 mm, Blade length: 80 mm, Blade thickness (A): 0.5 mm | |
| GTIN (EAN) | 4050118895551 | | |
| Qty. | 1 ST | | |