

POWERTERMINAL LG**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The FieldPower® power distributors support error-free installation in an extremely short space of time. Branches and functions integrated in the cover can simply be plugged in. Robust with high protection degree.

General ordering data

| | |
|------------|--|
| Version | FieldPower® Box, IP30, in complete state, Polycarbonate, IDC terminal, PUSH IN |
| Order No. | 1963570000 |
| Type | POWERTERMINAL LG |
| GTIN (EAN) | 4032248645671 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 59 mm | Depth (inches) | 2.323 inch |
| Height | 159.7 mm | Height (inches) | 6.287 inch |
| Width | 75 mm | Width (inches) | 2.953 inch |
| Net weight | 252.87 g | | |

Temperatures

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

Clamping capacity

| Connection data - contact element power bus | Wire connection method | Insulation displacement connection (IDC) |
|---|---|--|
| | Blade size of operating tool | 0.6 x 3.5 mm |
| | Number of poles | 5 |
| | Conductor connection cross-section, solid, max. | 6 mm ² |
| | Conductor connection cross-section, solid, min. | 1.5 mm ² |
| | Conductor connection cross-section, stranded, max. | 6 mm ² |
| | Conductor connection cross-section, stranded, min. | 2.5 mm ² |
| | Conductor connection cross-section, finely stranded, max. | 6 mm ² |
| | Conductor connection cross-section, finely stranded, min. | 2.5 mm ² |
| | Conductor connection cross-section, finest stranded, max. | 6 mm ² |
| | Conductor connection cross-section, finest stranded, min. | 2.5 mm ² |

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Technical data

Connection data - contact element
Branch / Feed-in

| | | |
|---|--------------------------|---------------------------|
| Wire connection method | PUSH IN | |
| Blade size of operating tool | 0.6 x 3.5 mm | |
| Stripping length | 14 mm | |
| Number of poles | 5 | |
| Conductor connection cross-section, solid, max. | 6 mm ² | |
| Conductor connection cross-section, solid, min. | 0.5 mm ² | |
| Conductor connection cross-section, stranded, max. | 6 mm ² | |
| Conductor connection cross-section, stranded, min. | 0.5 mm ² | |
| Conductor connection cross-section, finely stranded, max. | 10 mm ² | |
| Conductor connection cross-section, finely stranded, min. | 0.5 mm ² | |
| Conductor connection cross-section, finest stranded, max. | 6 mm ² | |
| Conductor connection cross-section, finest stranded, min. | 0.5 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. | 6 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. | 6 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. | 6 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. | 6 mm ² |
| | Type of wire end ferrule | Twin wire-end ferrules |
| | Cross-section, min. | 0.5 mm ² |
| | Cross-section, max. | 6 mm ² |

General data

| | | | |
|------------------------------|------------------|------------------------|-------------------------|
| Material | Polycarbonate | Insulating material | Polycarbonate |
| Enclosure material | Polycarbonate | Silicone | No |
| Colour | beige | Protection degree | IP30, in complete state |
| UL 94 flammability rating | V-2 | Lid attachment | plugged |
| lockable | No | Type of mounting | Screw mounting |
| Can be coded | Yes, Coded on PE | Number of poles | 5 |
| Number of connections / pole | 1 | Wire connection method | IDC terminal, PUSH IN |

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Technical data

Rated data acc. to IEC

| | | |
|--|---------------------------------|------------------------------|
| Rated data acc. to IEC for contact element | Voltage type | AC |
| | Number of phases | 3 |
| | Standard | IEC 60947-7-1, IEC 60947-7-2 |
| | Rated voltage | 800 V |
| | Rated impulse withstand voltage | 8 kV |
| | Rated current (3 loaded poles) | 41 A |
| | Rated current (4 loaded poles) | 25 A |

Rated data acc. to UL

| | | |
|---|---|-------------------------------------|
| Rated data acc. to UL for contact element | Standard | UL 1059 |
| | Note | for use with UL-listed TC-ER cables |
| | Conductor connection cross-section, AWG, max. | AWG 10 |
| | Conductor connection cross-section, AWG, min. | AWG 14 |
| | Rated voltage | 600 V |
| | Rated current | 30 A |
| Standards | not UL approved | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000214 | ETIM 7.0 | EC000214 |
| ETIM 8.0 | EC000214 | ETIM 9.0 | EC000214 |
| ECLASS 9.0 | 27-14-24-09 | ECLASS 9.1 | 27-14-24-09 |
| ECLASS 10.0 | 27-14-24-09 | ECLASS 11.0 | 27-14-24-09 |
| ECLASS 12.0 | 27-14-24-09 | ECLASS 13.0 | 27-14-24-09 |

Environmental Product Compliance

REACH SVHC /

Approvals

ROHS Conform

Downloads

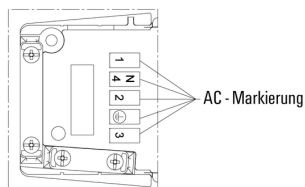
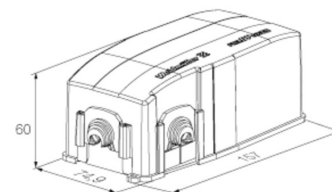
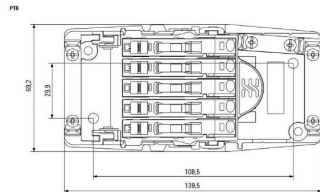
| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants |
| Engineering Data | CAD data – STEP |
| User Documentation | Manual FieldPower® Box |
| Catalogues | Catalogues in PDF-format |

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Drawings



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Accessories

Tools

Sheathing stripper for PVC cables



General ordering data

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

Plug-in connector



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

| | | |
|------------|----------------------------|---|
| Type | PTS 4 | Version |
| Order No. | 1952120000 | Field Power® plug-in connector, 3-phase AC, IP20, Polyamide, PUSH |
| GTIN (EAN) | 4032248632909 | IN, Number of poles : 5 |
| Qty. | 10 pc(s). | |

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www.weidmueller.com**Accessories****Seals****Intelligent cabling solutions can save you valuable time and money.**

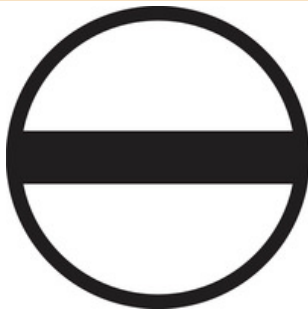
The FieldPower® modular system contains the right solution for every cabling task.

Foldable seals for the use of pre-assembled cables

Seals available with M16 and M20 connection thread
Integration of operating and signalling devices into the seal possible

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DGSB IP30 D0 PT6 | Version |
| Order No. | 1967600000 | Field Power® sealing insert, Blank seal, IP30, with corresponding |
| GTIN (EAN) | 4032248688746 | enclosure, TPE-U |
| Qty. | 10 pc(s). | |

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 0.6X3.5X100 | Version |
| Order No. | 2749340000 | Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade |
| GTIN (EAN) | 4050118895568 | thickness (A): 0.6 mm |
| Qty. | 1 pc(s). | |