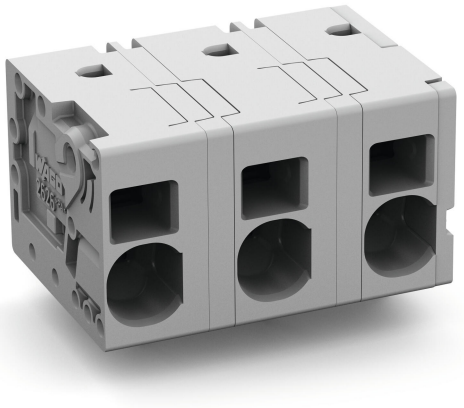
# Data sheet | Item number: 2626-1358

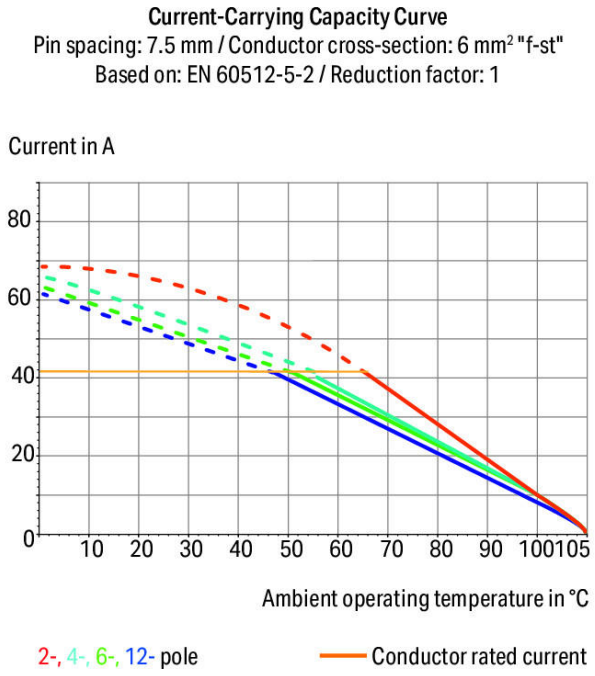
PCB terminal block; 6 mm²; Pin spacing 12.5 mm; 8-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray

www.wago.com/2626-1358



Picture differs from the item.

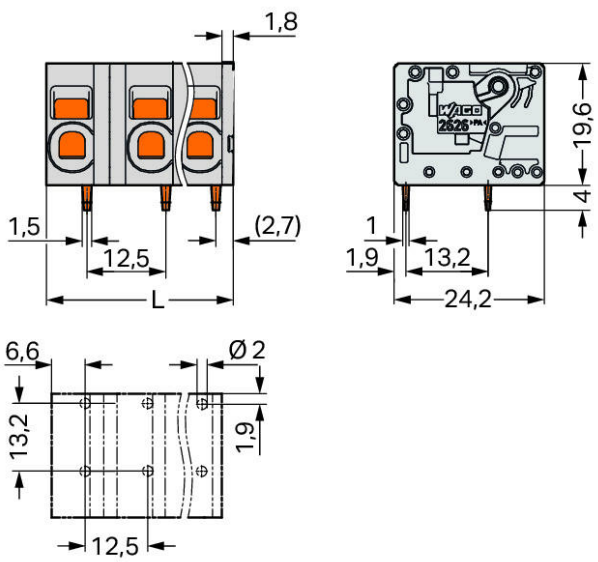
Color:




Subject to changes. Please also observe the further product documentation!

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L = (pole no. – 1) x pin spacing + 9.3 mm

## Item description

- PCB terminal strips with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

## Data

## Electrical data

### Ratings per IEC/EN

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Nominal voltage (III/3) | 1000 V |
| Rated surge voltage (III/3) | 8 kV |
| Rated voltage (III/2) | 1000 V |
| Rated surge voltage (III/2) | 8 kV |
| Nominal voltage (II/2) | 1000 V |
| Rated surge voltage (II/2) | 8 kV |
| Rated current | 48 A |

Subject to changes. Please also observe the further product documentation!

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| | |
|---|---|
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

## Ratings per UL

| | |
|---|---|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 38 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 38 A |

## Ratings per CSA

| | |
|---|---|
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 38 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 38 A |

## Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0.2 … 10 mm² / 24 … 8 AWG |
| Fine-stranded conductor | 0.2 … 10 mm² / 24 … 8 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 6 mm² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 … 6 mm² |
| Fine-stranded conductor; with twin ferrule | 0.25 … 2.5 mm² |
| Strip length | 13 … 15 mm / 0.51 … 0.59 inch |
| Conductor connection direction to PCB | 0 ° |
| Pole No. | 8 |
| Total number of connection points | 8 |
| Total number of potentials | 8 |
| Number of connection types | 1 |
| Number of levels | 1 |

## Physical data

| | |
|---|---|
| Pin spacing | 12.5 mm / 0.492 inch |
| Width | 96.8 mm / 3.811 inch |
| Height | 23.6 mm / 0.929 inch |

Subject to changes. Please also observe the further product documentation!

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| | |
|---|---|
| Height from the surface | 19.6 mm / 0.772 inch |
| Depth | 24.2 mm / 0.953 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 1.5 x 1 mm |
| Drilled hole diameter with tolerance | 2 $^{(+0.1)}$ mm |

## Mechanical data

| | |
|---|---|
| Mounting type | Feed-through mounting |

## PCB contact

| | |
|---|---|
| PCB Contact | THT |
| Solder pin arrangement | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2 |

## Material data

| | |
|---|---|
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper ($E_{Cu}$) |
| Contact plating | tin-plated |
| Weight | 43.2 g |

## Environmental requirements

| | |
|---|---|
| Limit temperature range | -60 … +105 °C |

## Commercial data

| | |
|---|---|
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4055143861694 |
| Customs tariff number | 85369010000 |

## Approvals / Certificates

### Country specific Approvals



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| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| | **CB**<br>DEKRA Certification B.V. | IEC 60947-7-4 | NL-64739 |
| | **CSA**<br>DEKRA Certification B.V. | C22.2 | 70146882 |
| | **KEMA/KEUR**<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-113203 |

## Downloads

### Documentation

**Additional Information**

| | | | |
|---|---|---|---|
| Technical explanations | 2019 Apr 3 | pdf<br>2.0 MB | Download |

## CAD/CAE-Data

**PCB Design**

| | | |
|---|---|---|
| Symbol and Footprint 2626-1358<br>CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment. | URL | Download |

**Supported formats:**

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X



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- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

**CAD data**

| | | |
|---|---|---|
| 2D/3D Models 2626-1358 | URL | Download |

**CAE data**

| | | |
|---|---|---|
| ZUKEN Portal 2626-1358 | URL | Download |

## Environmental Product Compliance

**Compliance Search**

| | | |
|---|---|---|
| Environmental Product Compliance 2626-1358<br>PCB terminal block; 6 mm²; Pin spacing 12.5 mm; 8-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray | URL | Download |

## Installation Notes