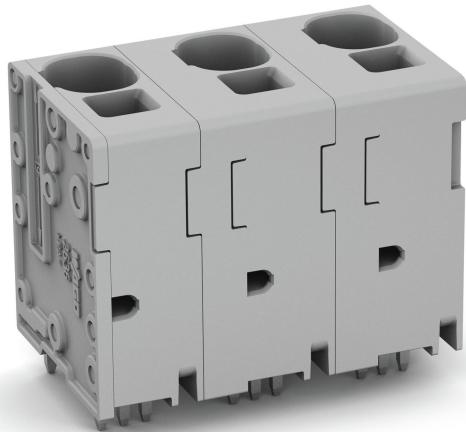


## Data sheet | Item number: 2636-3356

PCB terminal block; 16 mm<sup>2</sup>; Pin spacing 15 mm; 6-pole; Push-in CAGE

CLAMP®; 16,00 mm<sup>2</sup>; gray

[www.wago.com/2636-3356](http://www.wago.com/2636-3356)



 Picture differs from the item.

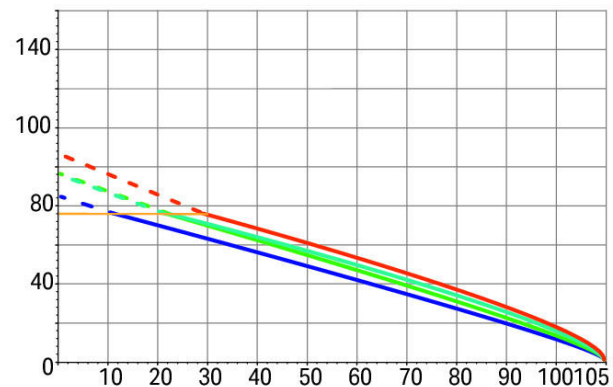
Color: 

### Current-Carrying Capacity Curve

Pin spacing: 10 mm / Conductor cross-section: 16 mm<sup>2</sup> "f-st"

Based on: EN 60512-5-2 / Reduction factor: 1

Current in A



Ambient operating temperature in °C

2-, 4-, 6-, 12- pole

— Conductor rated current

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

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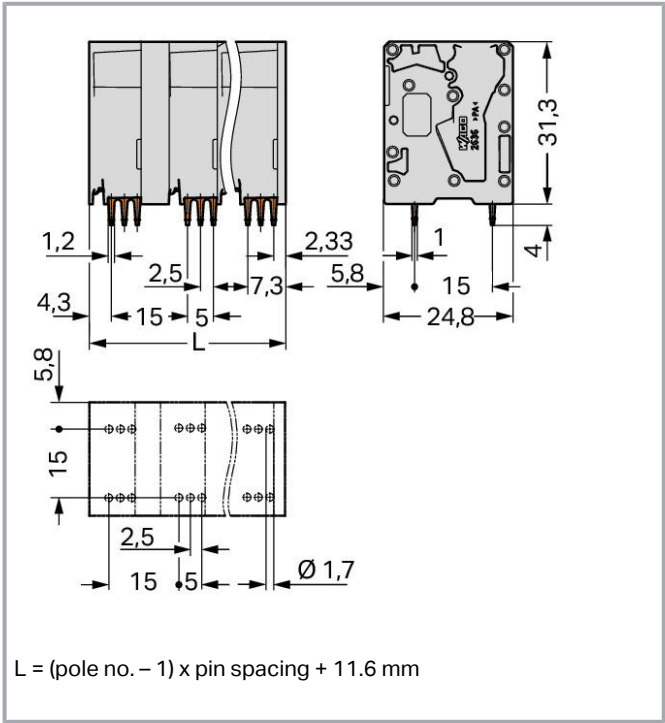
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Item description

- 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               | 76 A           |

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

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Legend (ratings)

(III / 2)  $\triangleq$  Overvoltage category III / Pollution degree 2

## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 85 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 85 A    |
| Rated voltage UL (Use Group D) | 600 V   |
| Rated current UL (Use Group D) | 5 A     |

## Ratings per CSA

|                                 |       |
|---------------------------------|-------|
| Approvals per                   | CSA   |
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 66 A  |
| Rated voltage CSA (Use Group C) | 300 V |
| Rated current CSA (Use Group C) | 66 A  |
| Rated voltage CSA (Use Group D) | 600 V |
| Rated current CSA (Use Group D) | 66 A  |

## Connection data

|                                                   |                                            |
|---------------------------------------------------|--------------------------------------------|
| Connection technology                             | Push-in CAGE CLAMP®                        |
| Actuation type                                    | Operating tool                             |
| Solid conductor                                   | 0.75 ... 16 mm <sup>2</sup> / 18 ... 4 AWG |
| Fine-stranded conductor                           | 0.75 ... 25 mm <sup>2</sup> / 18 ... 4 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.75 ... 16 mm <sup>2</sup>                |
| Fine-stranded conductor; with uninsulated ferrule | 0.75 ... 16 mm <sup>2</sup>                |
| Fine-stranded conductor; with twin ferrule        | 0.75 ... 6 mm <sup>2</sup>                 |
| Strip length                                      | 18 ... 20 mm / 0.71 ... 0.79 inch          |
| Conductor connection direction to PCB             | 90°                                        |
| Pole No.                                          | 6                                          |
| Total number of connection points                 | 6                                          |
| Total number of potentials                        | 6                                          |
| Number of connection types                        | 1                                          |
| Number of levels                                  | 1                                          |

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

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## Physical data

|                                      |                          |
|--------------------------------------|--------------------------|
| Pin spacing                          | 15 mm / 0.591 inch       |
| Width                                | 86.6 mm / 3.409 inch     |
| Height                               | 35.3 mm / 1.39 inch      |
| Height from the surface              | 31.3 mm / 1.232 inch     |
| Depth                                | 24.8 mm / 0.976 inch     |
| Solder pin length                    | 4 mm                     |
| Solder pin dimensions                | 1.2 x 1 mm               |
| Drilled hole diameter with tolerance | 1.7 <sup>(+0.1)</sup> 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 | 6                                        |

## 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 <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Weight                      | 59 g                                   |

## Environmental requirements

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

## Commercial data

|                   |               |
|-------------------|---------------|
| Packaging type    | BOX           |
| Country of origin | PL            |
| GTIN              | 4055143861526 |

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Customs tariff number

85369010000

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                                     | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------|
|                                                                                  | <b>CB</b><br>DEKRA Certification B.V.        | IEC 60947-7-4            | NL-61617         |
|  | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2                    | 70154737         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947-7-4             | 71-110774        |

### UL-Approvals

| Logo                                                                               | Approval                                       | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|------------------|
|  | <b>cURus</b><br>Underwriters Laboratories Inc. | C22.2 No. 158            | E45172           |

## Downloads

### Documentation

#### Additional Information

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

## CAD/CAE-Data

### PCB Design

|                                                                                                                                                                     |     |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Symbol and Footprint 2636-3356                                                                                                                                      | URL | Download |
| CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment. |     |          |

### Supported formats:

—  
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- 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
- 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 2636-3356 | URL | Download |
|------------------------|-----|----------|

#### CAE data

|                        |     |          |
|------------------------|-----|----------|
| ZUKEN Portal 2636-3356 | URL | Download |
|------------------------|-----|----------|

### Environmental Product Compliance

#### Compliance Search

|                                                                                                                       |     |          |
|-----------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 2636-3356                                                                            | URL | Download |
| PCB terminal block; 16 mm <sup>2</sup> ; Pin spacing 15 mm; 6-pole; Push-in CAGE CLAMP®; 16,00 mm <sup>2</sup> ; gray |     |          |

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## Installation Notes

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