

# Data sheet | Item number: 2636-3357

PCB terminal block; Pin spacing 15 mm; double pinning; 7-pole; Push-in  
CAGE CLAMP®; gray

[www.wago.com/2636-3357](http://www.wago.com/2636-3357)

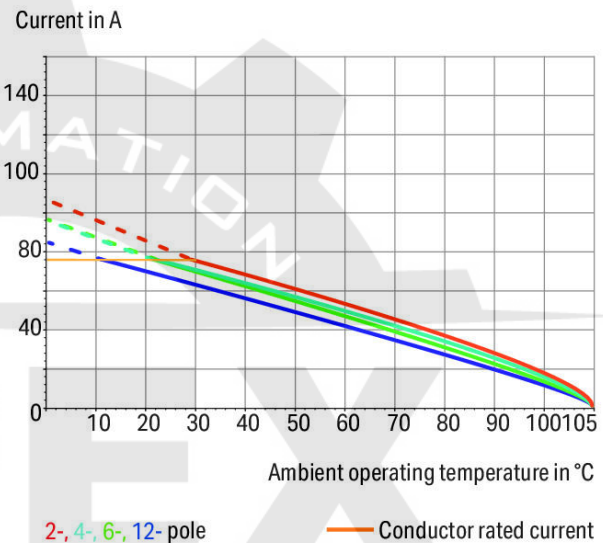


 Picture differs from the item.

Color: 

## Current-Carrying Capacity Curve

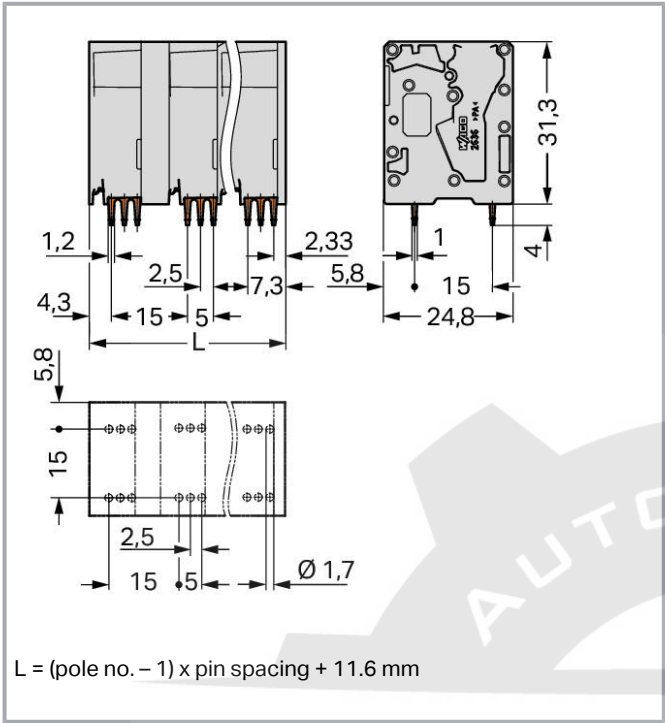
Pin spacing: 10 mm / Conductor cross-section: 16 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 1



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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



Item description

- PCB terminal blocks with levers and Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry
- Single pole variants rated for 1000 V

Data

Electrical data

IEC Approvals

| Ratings per                 | IEC/EN 60664-1 |
|-----------------------------|----------------|
| Rated 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           |

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Nominal voltage (II/2)     | 1000 V                                                              |
| Rated surge voltage (II/2) | 8 kV                                                                |
| Rated current              | 76 A                                                                |
| Legend (ratings)           | (III / 2) $\triangle$ Overvoltage category III / Pollution degree 2 |

## UL Approvals

|                                |         |
|--------------------------------|---------|
| 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     |

## CSA Approvals

|                                 |       |
|---------------------------------|-------|
| 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<br>Push-in                  |
| 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.                                          | 7                                          |
| Total number of connection points                 | 7                                          |
| Total number of potentials                        | 7                                          |

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

WAGO Corporation  
 Germantown, WI 53022  
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
 Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



|                            |   |
|----------------------------|---|
| Number of connection types | 1 |
| Number of levels           | 1 |

## Physical data

|                                      |                       |
|--------------------------------------|-----------------------|
| Pin spacing                          | 15 mm / 0.591 inch    |
| Width                                | 101.6 mm / 4.000 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 (+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 | 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                      | 68.9 g                                 |

## Environmental requirements

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

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

WAGO Corporation  
 Germantown, WI 53022  
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
 Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | PL            |
| GTIN                  | 4055143861533 |
| Customs tariff number | 8536904000    |

## Approvals / Certificates

### Country specific Approvals

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

### UL-Approvals

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

## Downloads

### Documentation

#### Additional Information

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

## CAD files

### PCB Design

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

[URL](#)[Download](#)

## Symbol and Footprint 2636-3357

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:

- 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

## CAE data

ZUKEN Portal 2636-3357

[URL](#)[Download](#)

## CAD data

2D/3D Models 2636-3357

[URL](#)[Download](#)

## Environmental Product Compliance

## Compliance Search

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

WAGO Corporation  
 Germantown, WI 53022  
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
 Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

Environmental Product Compliance 2636-3357

[URL](#)

[Download](#)

PCB terminal block; 16 mm<sup>2</sup>; Pin spacing 15 mm; 7-pole; Push-in CAGE CLAMP®;  
16,00 mm<sup>2</sup>; gray

## Installation Notes

### Conductor termination



Insert fine-stranded conductors and remove all conductors via operating tool

### Conductor termination



Insert solid or ferruled conductors via push-in termination

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.