

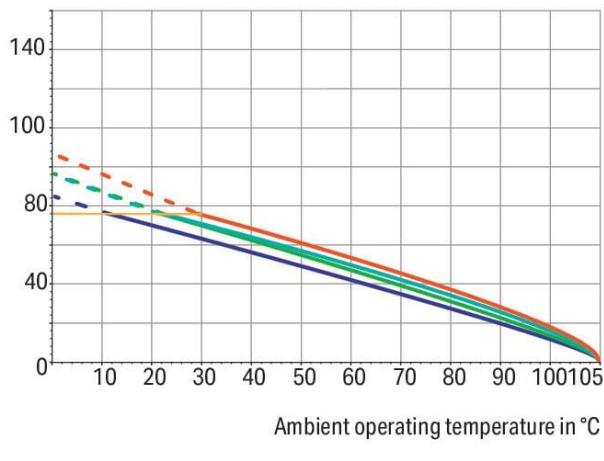


Color: —

**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



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

WAGO GmbH & Co. KG

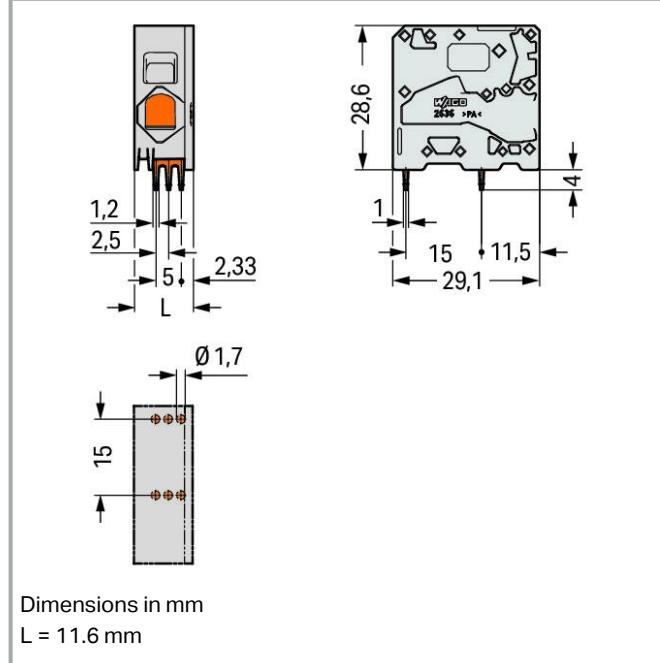
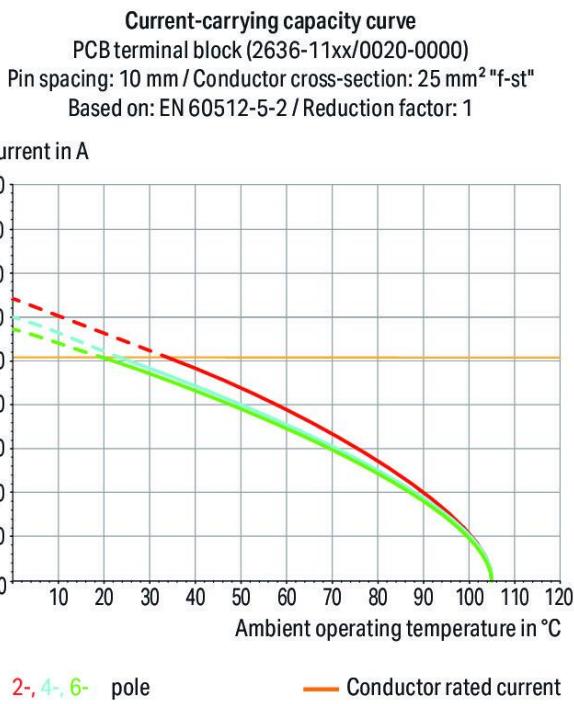
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32423 Minden

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



## 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 Notes

### Note

The inherent stability of a single-pole PCB terminal block is less than that of a multi-pole terminal strip. The customer must therefore ensure that these terminal blocks are protected against excessive mechanical stress (e.g., torsional or bending stress), both when connecting the conductor and during subsequent use, for example by providing additional support, shortly holding the connected conductor and appropriate actuation instructions.

### Variants:

- Other pole numbers
- Direct marking
- Other colors

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

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Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	8 kV
Rated voltage (III/2)	1000 V
Rated impulse voltage (III/2)	8 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	8 kV
Rated current	76 A
Legend (ratings)	(III / 2) $\triangleq$ 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)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 A

### Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	1000 V
Rated current CSA (Use Group C)	66 A

## Connection data

Connection points	1
Total number of potentials	1
Number of connection types	1
Number of levels	1

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

## Connection 1

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 inches
Conductor connection direction to PCB	0 °
Pole number	1

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	11.6 mm / 0.457 inches
Height	32.6 mm / 1.283 inches
Height from the surface	28.6 mm / 1.126 inches
Depth	29.1 mm / 1.146 inches
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
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## PCB contact

PCB contact	THT
Solder pin arrangement	Over the entire terminal strip (in-line)
Number of solder pins per potential	6

## Material data

Note (material data)	Information on material specifications can be found here
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Color	gray
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Subject to changes. Please also observe the further product documentation!

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
Weight	9.8 g

### Environmental requirements

Limit temperature range	-60 ... +105 °C
Processing temperature	-35 ... +60 °C

### Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143625234
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	70154737

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

## Optional accessories

### Tool

Operating tool



**Item no.: 210-721**

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-721](http://www.wago.com/210-721)

### Ferrule

Ferrule



**Item no.: 216-210**

Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item no.: 216-286**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item no.: 216-287**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item no.: 216-288**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



**Item no.: 216-289**

Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

## Downloads

### Documentation

#### Additional Information

2019 Apr 3

pdf  
2.1 MB

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## CAD/CAE-Data

### CAD data

2D/3D Models 2636-1101

[URL](#)

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### PCB Design

Symbol and Footprint via Ultra Librarian 2636-1101

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CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

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

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Supported formats:

- Accel EDA 14 & 15
- Altair
- Altium 6 to current version
- Autodesk Fusion 360
- 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
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

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

Symbol and Footprint via SamacSys 2636-1101

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:

- 3D (stp)
- Altium

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- CircuitStudio
- CR-5000
- CR-8000
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- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
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- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD\_Allegro16
- PADS
- Proteus
- Pulsonix
- Quadcept
- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

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#### CAE data

ZUKEN Portal 2636-1101

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

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#### Asset Administration Shell

Asset Administration Shell 2636-1101

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

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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 2636-1101

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

PCB terminal block; 16 mm<sup>2</sup>; Pin spacing 10 mm; 1-pole; Push-in CAGE CLAMP®,  
16,00 mm<sup>2</sup>; gray

[URL](#)

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## Installation Notes

### Conductor termination



Insert fine-stranded conductors and remove all conductor types via operating tool.

### Conductor termination



Insert solid conductors via push-in termination.

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