

## Data sheet | Item number: 2636-1353

PCB terminal block; 16 mm<sup>2</sup>; Pin spacing 15 mm; 3-pole; Push-in CAGE

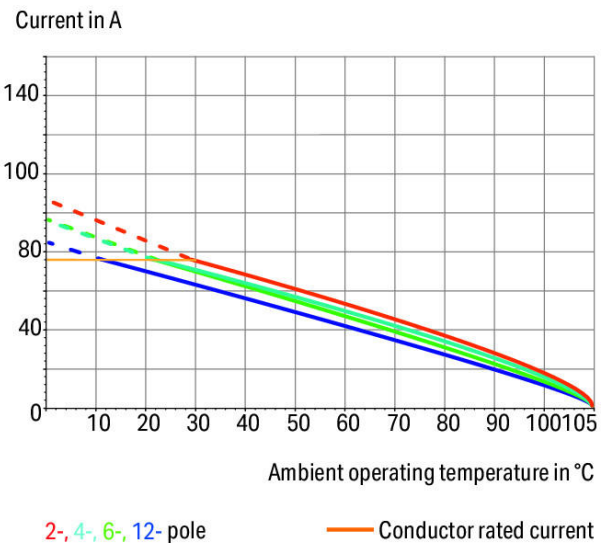
CLAMP®; 16,00 mm<sup>2</sup>; gray

[www.wago.com/2636-1353](http://www.wago.com/2636-1353)



Color: —

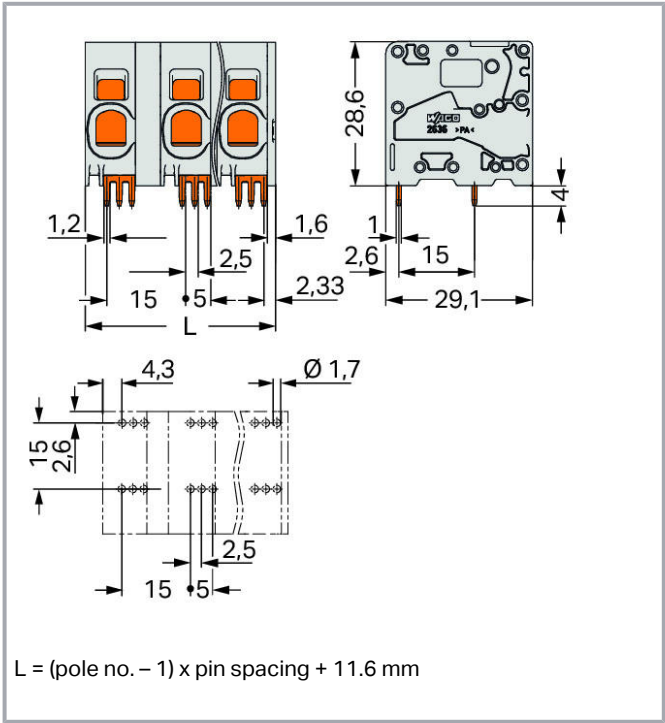
**Current-Carrying Capacity Curve**  
Pin spacing: 10 mm / Conductor cross-section: 16 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 1



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

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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

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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)	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 mm² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm² / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm²
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm²
Fine-stranded conductor; with twin ferrule	0.75 ... 6 mm²
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Conductor connection direction to PCB	0°
Pole No.	3
Total number of connection points	3
Total number of potentials	3
Number of connection types	1
Number of levels	1

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## Physical data

Pin spacing	15 mm / 0.591 inch
Width	41.6 mm / 1.638 inch
Height	32.6 mm / 1.283 inch
Height from the surface	28.6 mm / 1.126 inch
Depth	29.1 mm / 1.146 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
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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

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	29.3 g

## Environmental requirements

Limit temperature range	-60 ... +105 °C
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## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143861458

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Customs tariff number


85369010000

## Approvals / Certificates

### Country specific Approvals

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

### UL-Approvals

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

## Downloads

### Documentation

#### Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

Symbol and Footprint 2636-1353	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 2636-1353	URL	Download
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#### CAE data

ZUKEN Portal 2636-1353	URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 2636-1353	URL	Download
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## Installation Notes

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