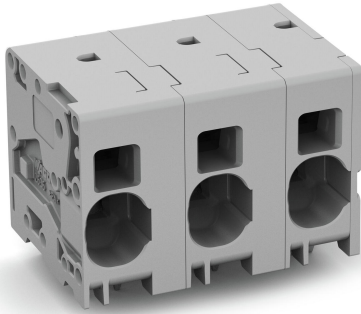


# Data sheet | Item number: 2636-1356

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



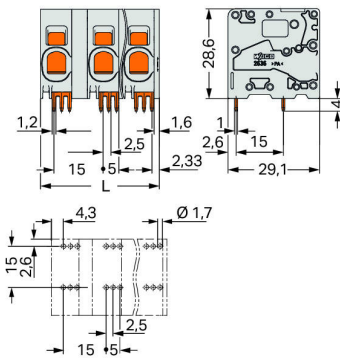
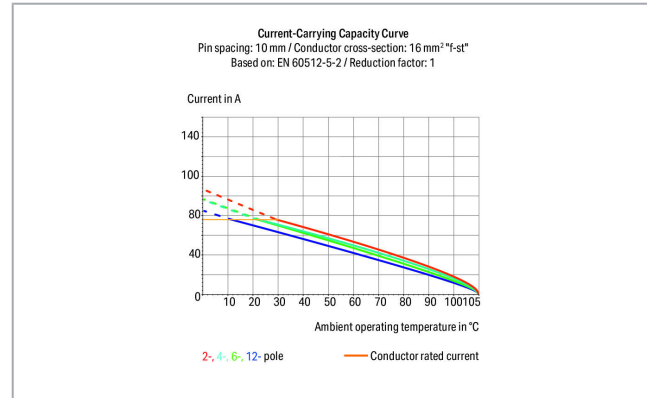
[www.wago.com/2636-1356](http://www.wago.com/2636-1356)



**i** Picture differs from the item.

RoHS Compliant

Color:



$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 11.6 \text{ mm}$$

## 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

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

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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.

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



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	0°
Pole No.	6
Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

### Physical data

Pin spacing	15 mm / 0.591 inch
Width	86.6 mm / 3.409 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)

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

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	58.6 g

### Environmental requirements



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


Packaging type	BOX
Country of origin	PL
GTIN	4055143861403
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

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



## Downloads

### Documentation

#### Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

Symbol and Footprint 2636-1356	URL	Download
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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.

#### 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

### CAD data

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

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2D/3D Models 2636-1356	<a href="#">URL</a>	<a href="#">Download</a>
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#### CAE data

ZUKEN Portal 2636-1356	<a href="#">URL</a>	<a href="#">Download</a>
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 2636-1356 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	<a href="#">URL</a>	<a href="#">Download</a>
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### Installation Notes

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