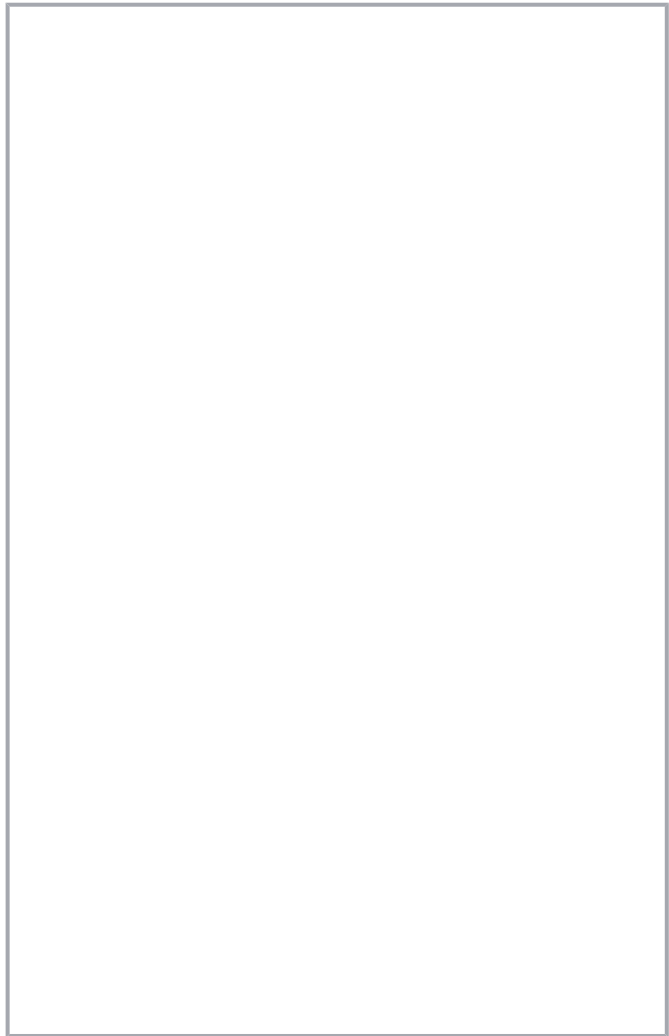
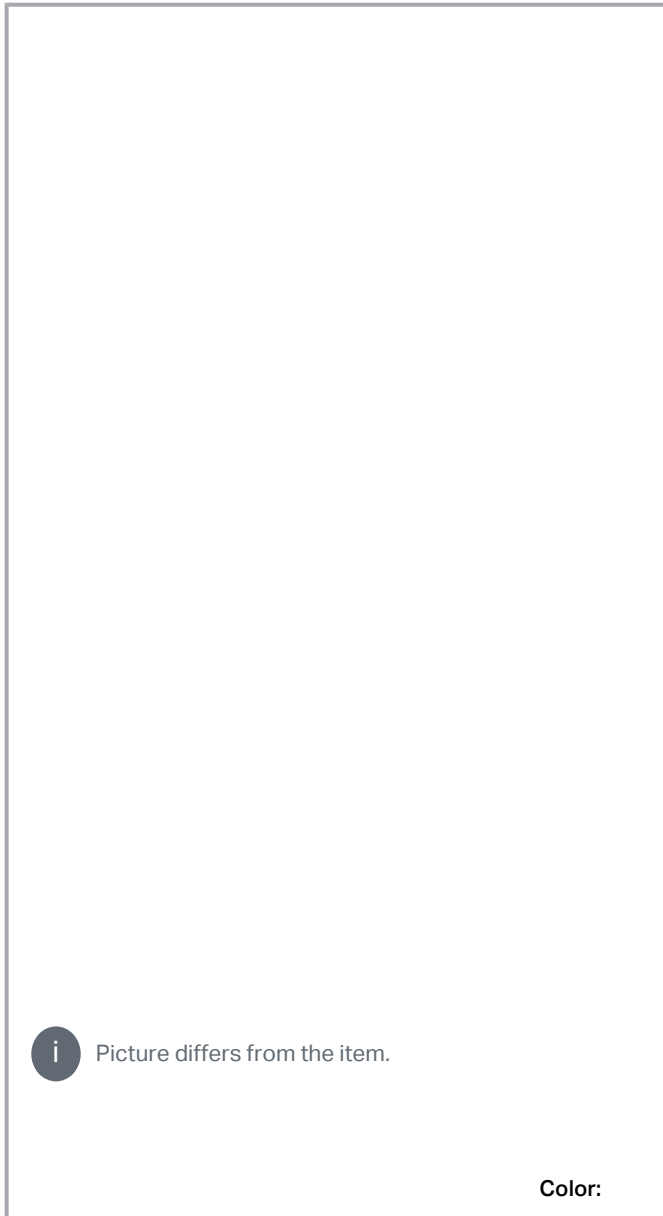


Data sheet | Item number: 2636-3357

PCB terminal block; 16 mm²; Pin spacing 15 mm; 7-pole; Push-in CAGE

CLAMP®; 16,00 mm²; gray

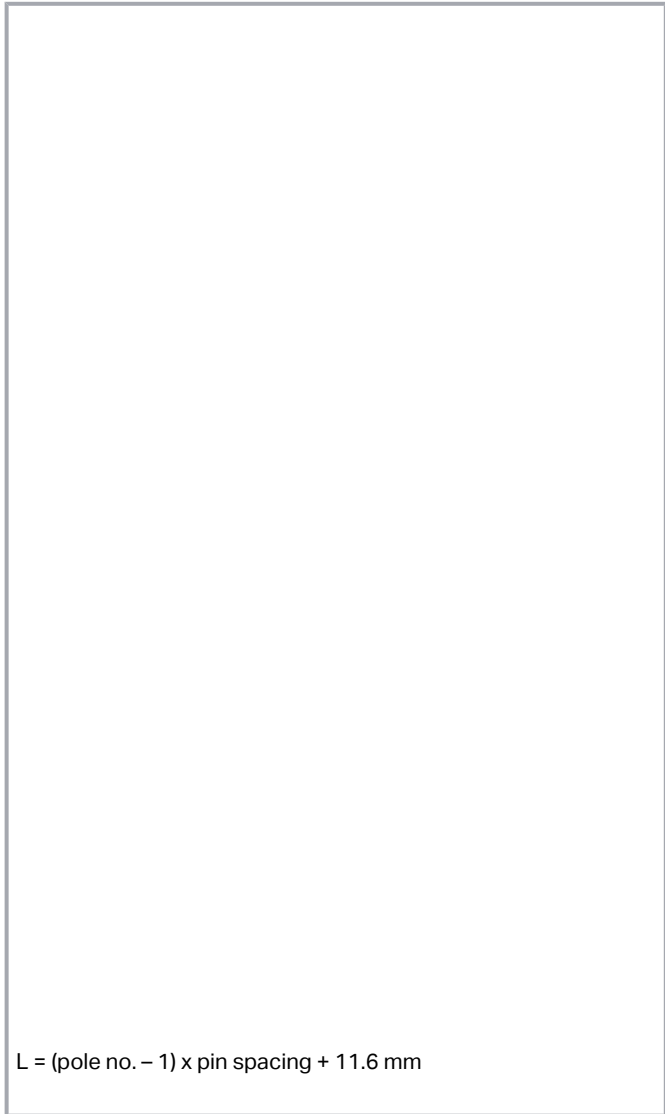
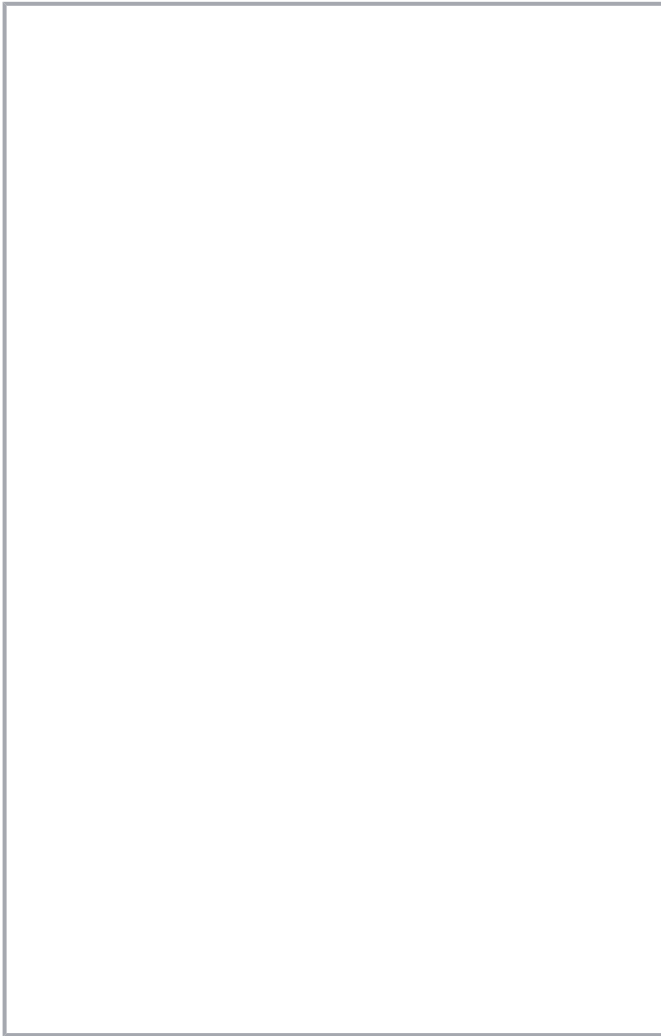
www.wago.com/2636-3357



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

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

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
- Testing can be performed both parallel and perpendicular to conductor entry

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

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Data Notes

Variants:

Other pole numbers

Direct marking

Other colors

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)	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

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Rated voltage CSA (Use Group D)	600 V
Rated current CSA (Use Group D)	66 A

Connection data

Connection points	7
Total number of potentials	7
Number of connection types	1
Number of levels	1

Connection 1

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 inches
Conductor connection direction to PCB	90 °
Pole number	7

Physical data

Pin spacing	15 mm / 0.591 inches
Width	101.6 mm / 4.000 inches
Height	35.3 mm / 1.39 inches
Height from the surface	31.3 mm / 1.232 inches
Depth	24.8 mm / 0.976 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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Subject to changes. Please also observe the further product documentation!



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](#)

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_{Cu})
Contact plating	Tin
Fire load	0.294 MJ
Weight	68.9 g

Environmental requirements

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

Commercial data

ETIM 8.0	EC002643
ETIM 7.0	EC002643
Recupel Type	
PU (SPU)	18 pcs
Packaging type	box
Country of origin	PL
GTIN	4055143861533
Customs tariff number	85369010000

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 60947-7-4	NL-61617
	CSA DEKRA Certification B.V.	C22.2	70154737
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	E45172
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71- 110774

Optional accessories

Ferrule

Ferrule
Item no.: 216-210 Ferrule; Sleeve for 16 mm ² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-210 acc. to DIN 46228, Part 4/09.90; blue
Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue www.wago.com/216-286
Item no.: 216-287 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-287 acc. to DIN 46228, Part 4/09.90; gray
Item no.: 216-288 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-288 acc. to DIN 46228, Part 4/09.90; yellow
Item no.: 216-289 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-289 acc. to DIN 46228, Part 4/09.90; red

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

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



Downloads

Documentation

Additional Information

2019 年4月3日

pdf
2.0 MB

Download

CAD/CAE-Data

PCB Design

Symbol and Footprint 2636-3357

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:

- 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

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CAE data

ZUKEN Portal 2636-3357	URL	Download
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CAD data

2D/3D Models 2636-3357	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2636-3357	URL	Download
PCB terminal block; 16 mm ² ; Pin spacing 15 mm; 7-pole; Push-in CAGE CLAMP®; 16,00 mm ² ; gray		

Installation Notes

Conductor termination



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

Conductor termination

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



Insert solid conductors via push-in termination.

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

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