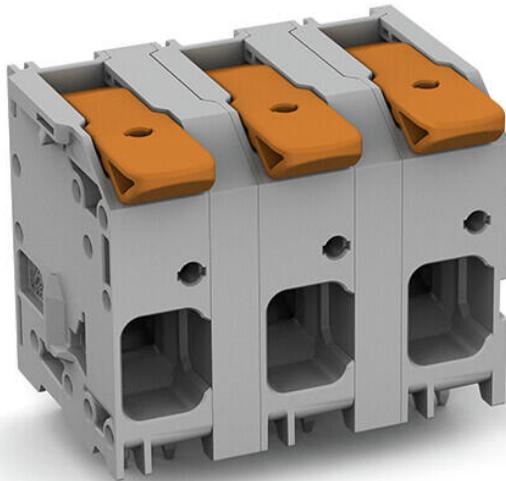


Data sheet | Item number: 2616-1352

PCB terminal block; lever; 16 mm²; Pin spacing 15 mm; 2-pole; Push-in CAGE

CLAMP®; 16,00 mm²; gray

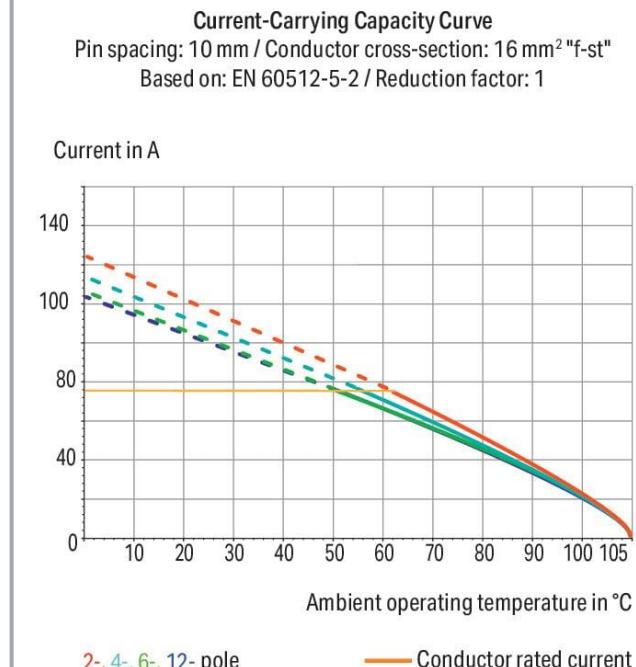
www.wago.com/2616-1352



i

Picture differs from the item.

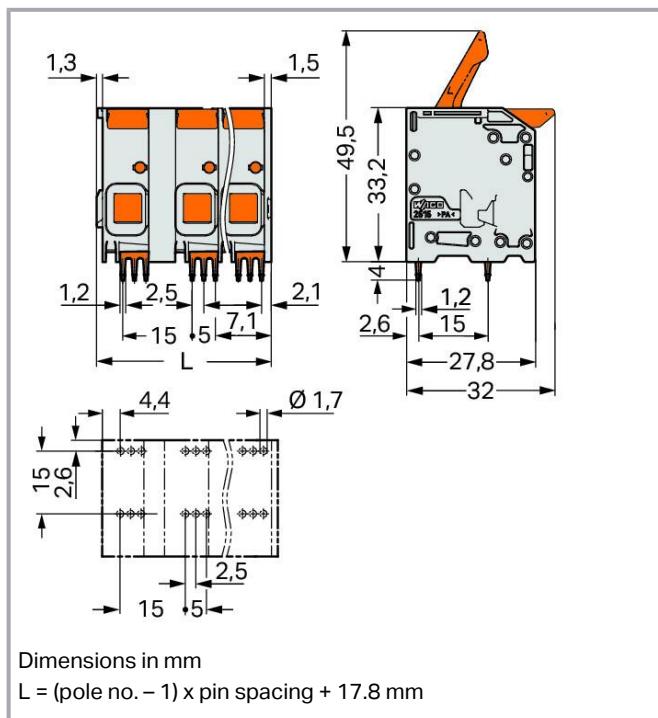
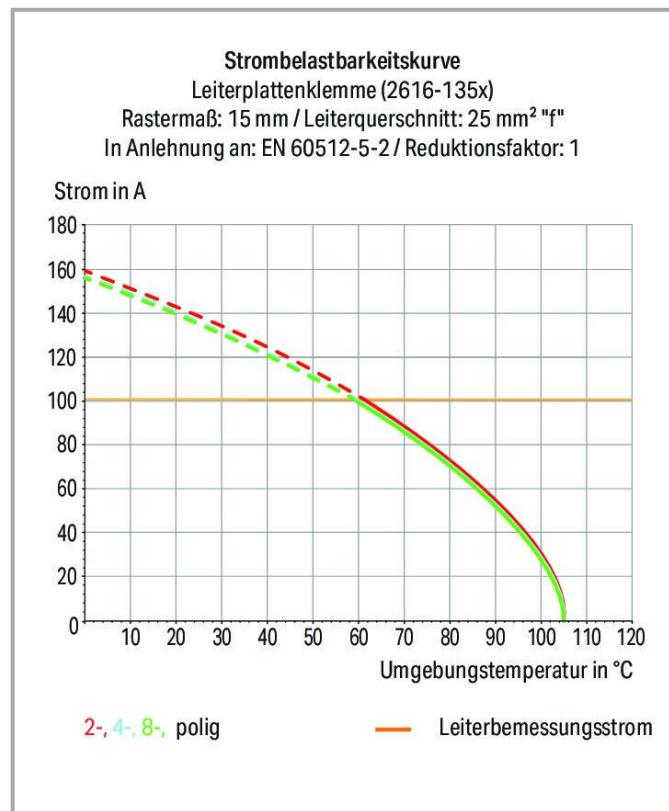
Color:



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

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Item description

- PCB terminal blocks with Push-in CAGE CLAMP® connection and levers
 - Push-in termination of solid and ferruled conductors
 - Intuitive and tool-free operation
 - Several clamping units can be held open simultaneously, simplifying the connection of multi-core cables
 - Testing can be performed both parallel and perpendicular to conductor entry

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

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

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Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	800 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)	78 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	78 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)	72 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	72 A
Rated voltage CSA (Use Group D)	600 V
Rated current CSA (Use Group D)	72 A

Connection data

Connection points	2
Total number of potentials	2
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	Lever
Solid conductor	0.75 ... 16 mm ² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm ² / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm ²
Fine-stranded conductor; with twin ferrule	0.75 ... 6 mm ²
Strip length	18 ... 20 mm / 0.71 ... 0.79 inches
Conductor connection direction to PCB	0 °
Pole number	2

Physical data

Pin spacing	15 mm / 0.591 inches
Width	26.5 mm / 1.043 inches
Height	37.2 mm / 1.465 inches
Height from the surface	33.2 mm / 1.307 inches
Depth	32 mm / 1.26 inches
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter with tolerance	1.7 (^{+0.1}) mm

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

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Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin
Fire load	0.347 MJ
Actuator color	orange
Weight	22.4 g

Environmental requirements

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

Commercial data

ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	44 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143860284
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
	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	EN 60947-7-4	71-

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



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	

Downloads

Documentation

Additional Information

Apr 3, 2019

pdf
2.1 MB

[Download](#)

CAD/CAE-Data

PCB Design

Symbol and Footprint via Ultra Librarian 2616-1352

[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
- Altair

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- 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 2616-1352

[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
- CADSTAR
- Capture
- CircuitStudio
- CR-5000

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

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- CR-8000
- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- 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

CAE data

ZUKEN Portal 2616-1352	URL	Download
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CAD data

2D/3D Models 2616-1352	URL	Download
------------------------	---------------------	--------------------------

Asset Administration Shell

Asset Administration Shell 2616-1352	URL	Download
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Environmental Product Compliance

Compliance Search

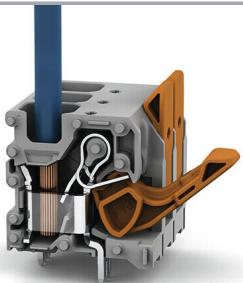
Environmental Product Compliance 2616-1352	URL	Download
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Subject to changes. Please also observe the further product documentation!

PCB terminal block; lever; 16 mm²; Pin spacing 15 mm; 2-pole; Push-in CAGE CLAMP®; 16,00 mm²; gray

Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.

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