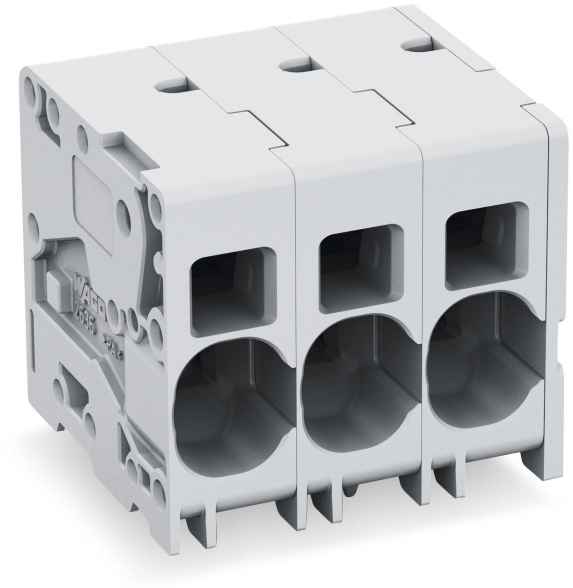
Data sheet | Item number: 2636-1110/020-000

PCB terminal block; 16 mm²; Pin spacing 10 mm; 10-pole; Push-in CAGE CLAMP®

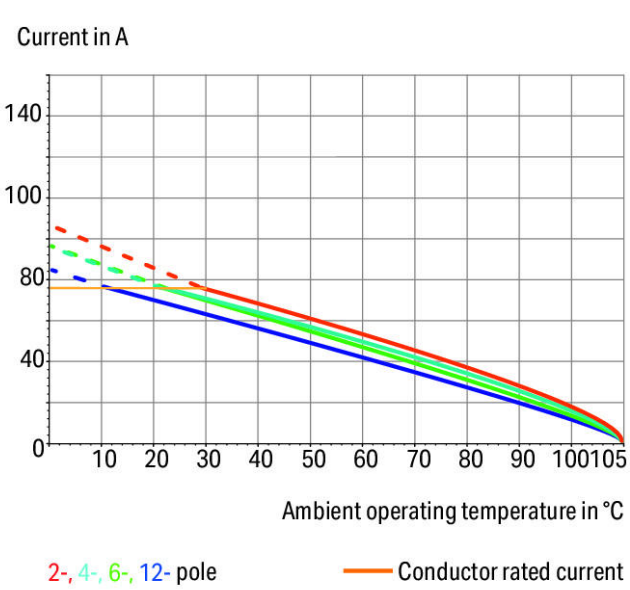
www.wago.com/2636-1110/020-000



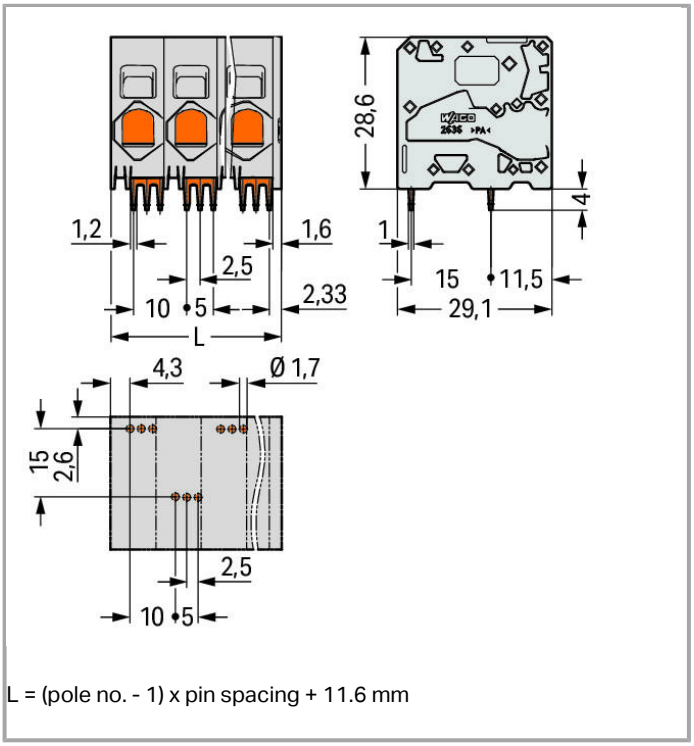
RoHS ✓ Compliant

BOMcheck.net

Color:



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L = (pole no. - 1) x pin spacing + 11.6 mm

Item description

- PCB terminal blocks 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

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/: Direct marking, Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated 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
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	8 kV
Rated current	76 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

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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

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 ferrule with plastic collar	0.75 … 16 mm²
Fine-stranded conductor with ferrule without plastic collar	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 entry angle to the PCB	0 °
No. of poles	10
Number of levels	1
Total number of connection points	10
Total number of potentials	10
Number of connection types	1

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	101.6 mm / 4 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 (tolerance)	$1.7^{(+\ 0.1)}$ mm

Mechanical data

Type of mounting	Feed-through mounting

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, staggered
Number of solder pins per potential	3

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Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Weight	82.79 g

Environmental Requirements

Limit temperature range	-60 … +105 °C

Commercial data

Country of origin	DE
GTIN	4055143625418

Compatible products

tools

	**Item no.: 210-721** Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm	www.wago.com/210-721

ferrule

	**Item no.: 216-210** Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-210
	**Item no.: 216-284** Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-284
	**Item no.: 216-286** Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-286
	**Item no.: 216-287** Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-287
	**Item no.: 216-288** Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-288
	**Item no.: 216-289** Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-289

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Downloads

CAD files

PCB libraries

EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 Nov 17, 2017	ZIP 23.9 MB	Download
TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 27.1 MB	Download
DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 22.5 MB	Download

CAD data

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