

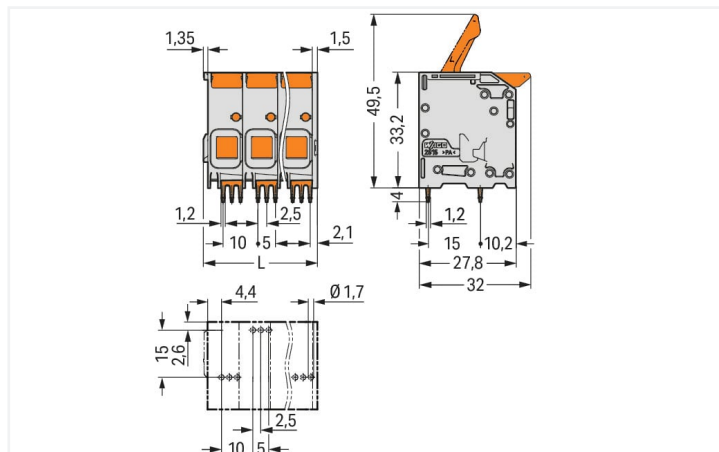
Data Sheet | Item Number: 2616-1102/010-000
 PCB terminal block; lever; 16 mm²; Pin spacing 10 mm; 2-pole; Push-in CAGE
 CLAMP®; 16,00 mm²; gray

<https://www.wago.com/2616-1102/010-000>



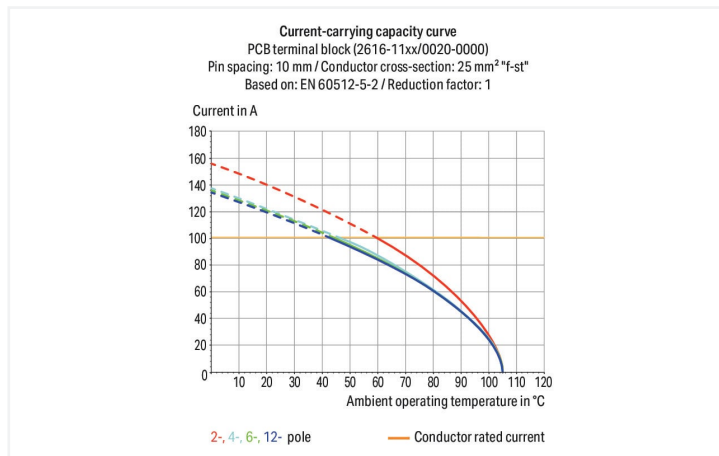
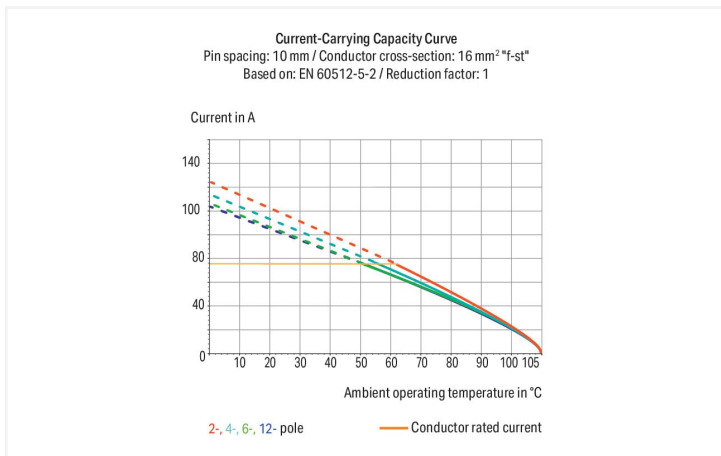
Color: ■ gray

Similar to illustration



Dimensions in mm

L = (pole no. - 1) x pin spacing + 12.8 mm



- 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

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

Ratings per IEC/EN

Rated current	76 A
Legend (ratings)	(III / 2) Δ Overvoltage category III / Pollution degree 2

Ratings per UL

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

Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	66 A

Connection data

Connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

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	10 mm / 0.394 inches
Width	22.8 mm / 0.898 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 (staggered)
Number of solder pins per potential	3

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
Actuator color	orange
Weight	19.3 g

Environmental requirements

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

Commercial data

PU (SPU)	50 pcs
Country of origin	PL
GTIN	4066966359091
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2616-1102/010-000	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

<p>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; black</p>	<p>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; red</p>	<p>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; blue</p>	<p>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; blue</p>
<p>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; gray</p>	<p>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; yellow</p>		

1.1.2 Jumper

1.1.2.1 Jumper

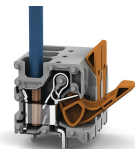


Item No.: [2616-902](#)

Jumper; for conductor entry; 2-way; insulated; gray

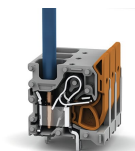
Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.