

Data Sheet | Item Number: 2616-1105/020-000

PCB terminal block; lever; 16 mm²; Pin spacing 10 mm; 5-pole; Push-in CAGE CLAMP

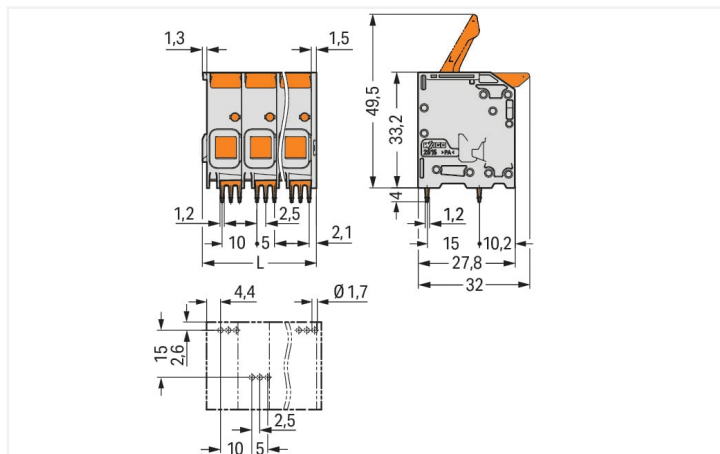
CLAMP®; 16,00 mm²; gray

<https://www.wago.com/2616-1105/020-000>



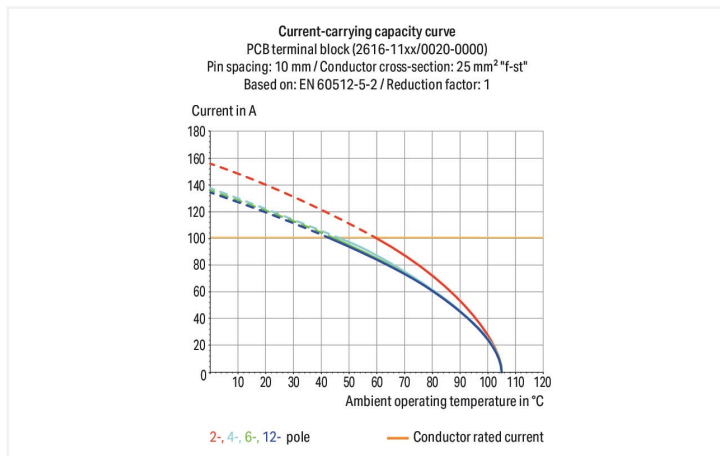
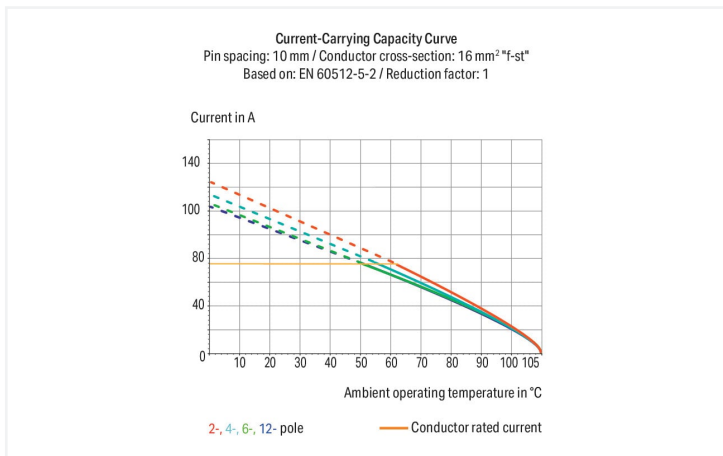
Color: ■ gray

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

Rated per	IEC/EN 60664-1		
Oversoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	1000 V	1000 V
Rated surge voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Approvals per	CSA		
	B	C	D
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Connection data

Connection points	5	Connection 1	
Total number of potentials	5	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Lever
Number of levels	1	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	5

Physical data

Pin spacing	10 mm / 0.394 inches
Width	52.8 mm / 2.079 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	0.735 MJ
Actuator color	orange
Weight	46.8 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143668255
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	EN 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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
2616-1105/020-000



Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models 2616-1105/020-000	↓
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CAE data

ZUKEN Portal 2616-1105/020-000	↓
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1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[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



[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



[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



[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



[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



[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

1.1.2 Jumper

1.1.2.1 Jumper

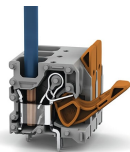


[Item No.: 2616-902](#)

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

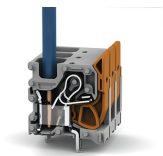
Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.