

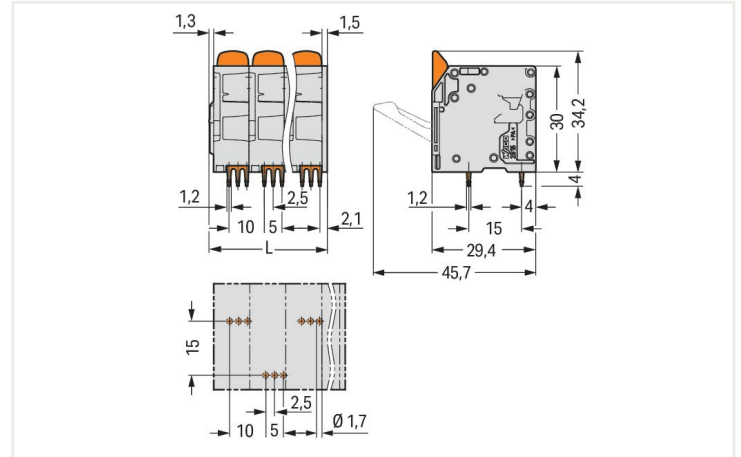
Data sheet | Item number: 2616-3103/020-000

PCB terminal block; lever; 16 mm²; Pin spacing 10 mm; 3-pole; Push-in CAGE CLAMP®; 16,00 mm²; gray

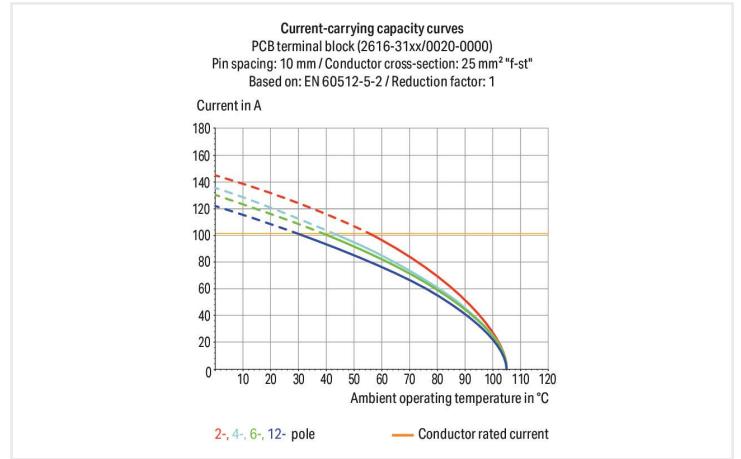
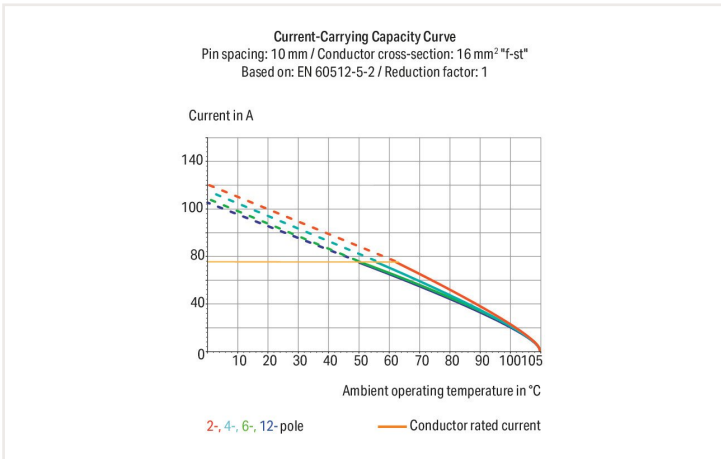
<https://www.wago.com/2616-3103/020-000>



Color: ■ gray



Dimensions in mm
L = (pole no. - 1) x pin spacing + 11.5 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
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) ≙ 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)	72 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	72 A

Connection data

Total number of connection points	3
Total number of potentials	3
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 inch
Conductor connection direction to PCB	90°
Pole number	3

Physical data

Pin spacing	10 mm / 0.394 inch
Width	32.8 mm / 1.291 inch
Height	38.2 mm / 1.504 inch
Height from the surface	34.2 mm / 1.346 inch
Depth	29.4 mm / 1.157 inch
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 data 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	0.276 MJ
Actuator color	orange
Weight	28.1 g

Environmental requirements

Limit temperature range	-60 ... +105 °C
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Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 7.0	EC002643
ETIM 6.0	EC002643
PU (SPU)	40 Stück
Packaging type	Box
Country of origin VKOrg Germany	PL
GTIN	4055143692816
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals



Approval	Standard	Certificate name
CB DEKRA Certification B.V.	EN 60947-7-4	NL-61617
CSA DEKRA Certification B.V.	C22.2	70154737
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-110774

UL-Approvals



Approval	Standard	Certificate name
cURus Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Downloads

Environmental Product Compliance


Compliance Search

Environmental Product
Compliance
2616-3103/020-000



Documentation

Additional Information

Technical Section	03.04.2019	pdf 1949.09 KB	
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CAD/CAE-Data

CAD data

2D/3D Models
2616-3103/020-000



CAE data

ZUKEN Portal
2616-3103/020-000



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**

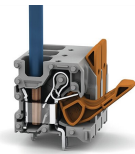
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

**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

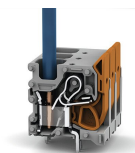
Installation notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.