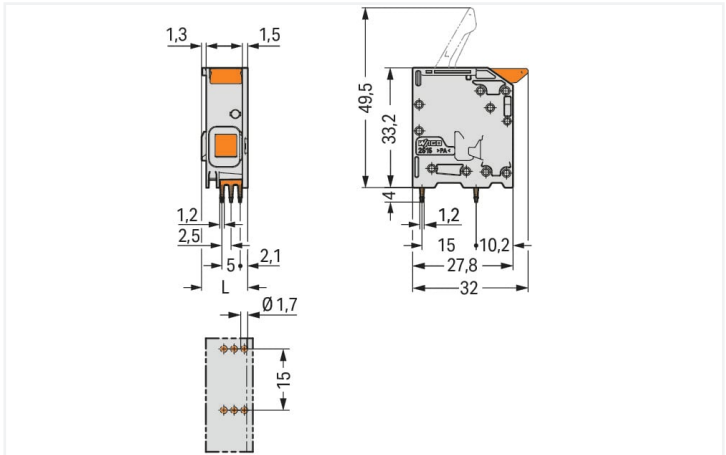
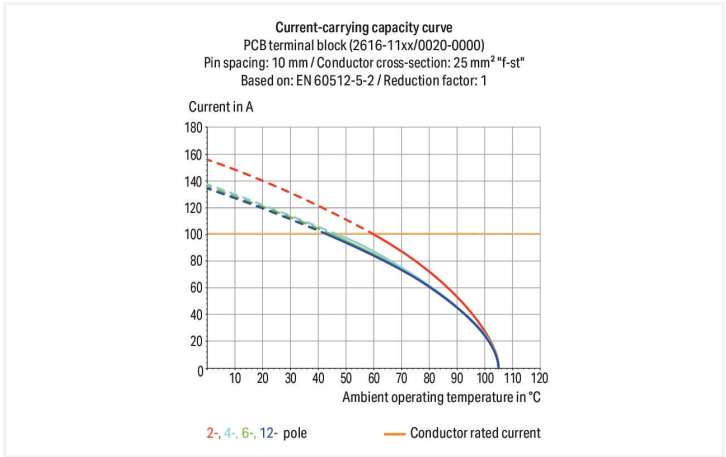
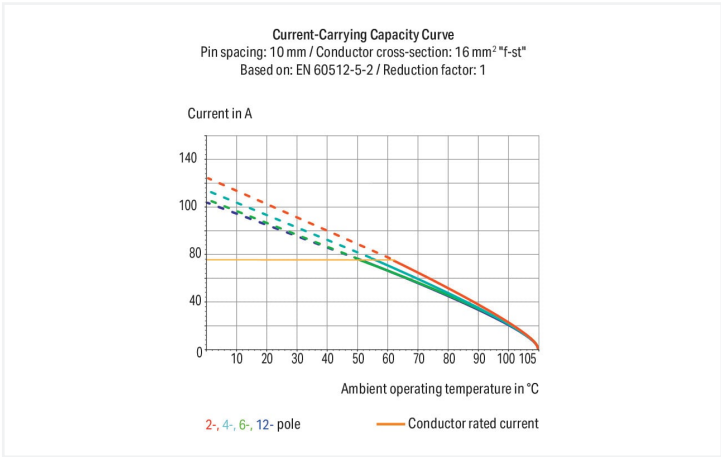




Color: ■ gray



Dimensions in mm
L = 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	
Note	The inherent stability of a single-pole PCB terminal block is less than that of a multi-pole terminal strip. The customer must therefore ensure that these terminal blocks are protected against excessive mechanical stress (e.g., torsional or bending stress), both when connecting the conductor and during subsequent use, for example by providing additional support, shortly holding the connected conductor and appropriate actuation instructions.
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 60664-1		
Overvoltage 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		CSA		
Use group		B	C	D
Rated voltage		600 V	1000 V	-
Rated current		72 A	72 A	-

Approvals per				UL 1059	
Use group		B	C	D	
Rated voltage		600 V	600 V	-	
Rated current		78 A	78 A	-	

Connection data						
Connection points		1	Connection 1			
Total number of potentials		1	Connection technology			Push-in CAGE CLAMP®
Number of connection types		1	Actuation type			Lever
Number of levels		1	Solid conductor			0.75 ... 16 mm² / 18 ... 4 AWG
			Fine-stranded conductor			0.75 ... 25 mm² / 18 ... 4 AWG
			Fine-stranded conductor; with insulated ferrule			0.75 ... 16 mm²
			Fine-stranded conductor; with uninsulated ferrule			0.75 ... 16 mm²
			Fine-stranded conductor; with twin ferrule			0.75 ... 6 mm²
			Strip length			18 ... 20 mm / 0.71 ... 0.79 inches
			Conductor connection direction to PCB			0°
			Pole number			1
Physical data						
Pin spacing		10 mm / 0.394 inches				
Width		12.8 mm / 0.504 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
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Electrolytic copper (E _{Cu})
Contact plating		Tin
Fire load		0.147 MJ
Actuator color		orange
Weight		10.8 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)		100 pcs
Packaging type		Box
Country of origin		PL
GTIN		4055143692762
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
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 2616-1101

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 2616-1101

↓

CAE data

ZUKEN Portal 2616-1101

↓

PCB Design

Symbol and Footprint via SamacSys 2616-1101

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Symbol and Footprint via Ultra Librarian 2616-1101

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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



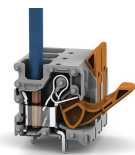
[Item No.: 216-287](#)
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



[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

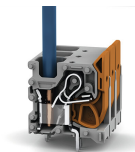
Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.