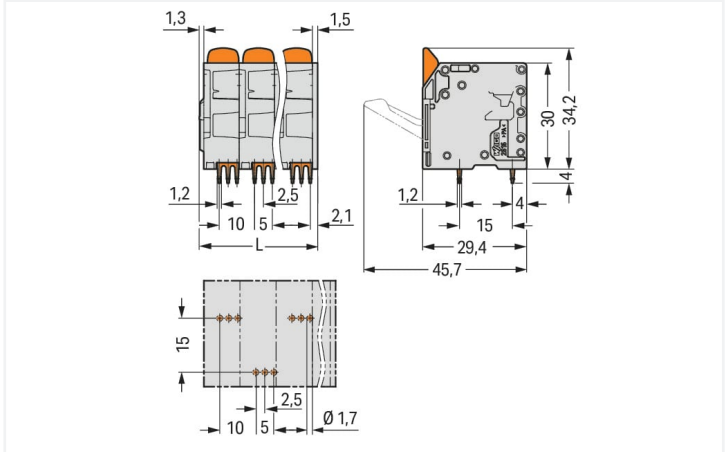


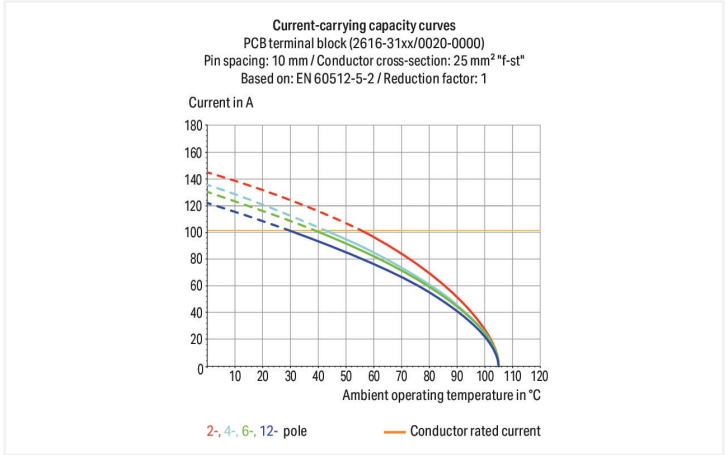
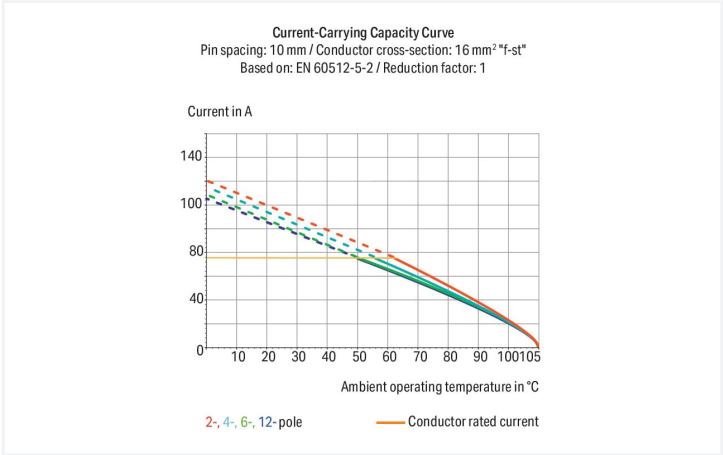


Color: ■ gray

Similar to illustration



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 colors Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ . Other pole numbers Direct marking

Electrical data			
Ratings per		IEC/EN 60664-1	
Overvoltage category		III	II
Pollution degree		3	2
Nominal voltage		1000 V	1000 V
Rated surge voltage		8 kV	8 kV
Rated current		76 A	76 A
Approvals per		UL 1059	
Use group		B	D
Rated voltage		600 V	-
Rated current		66 A	-



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

Connection data			
Connection points	2	Connection 1	
Total number of potentials	2	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	90 °
		Pole number	2

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	22.8 mm / 0.898 inches
Height	38.2 mm / 1.504 inches
Height from the surface	34.2 mm / 1.346 inches
Depth	29.4 mm / 1.157 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	0.288 MJ
Actuator color	orange
Weight	18.9 g



Environmental requirements		
Limit temperature range	-60 ... +105 °C	
Processing temperature	-35 ... +60 °C	
Commercial data		
eCl@ss 10.0	eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	eCl@ss 9.0	27-44-04-01
ETIM 8.0	ETIM 8.0	EC002643
ETIM 7.0	ETIM 7.0	EC002643
PU (SPU)	PU (SPU)	50 pcs
Packaging type	Packaging type	Box
Country of origin	Country of origin	DE
GTIN	GTIN	4055143692793
Customs tariff number	Customs tariff number	85369010000
Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	
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 2616-3102/020-000		

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2616-3102/020-000 	ZUKEN Portal 2616-3102/020-000 

PCB Design	
Symbol and Footprint via SamacSys 2616-3102/020-000 	
Symbol and Footprint via Ultra Librarian 2616-3102/020-000 	

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		

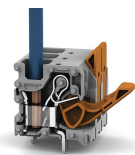
1.1.2 Jumper

1.1.2.1 Jumper


Item No.: 2616-902 Jumper; for conductor entry; 2-way; insulated; gray

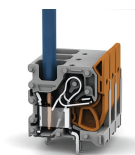
Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.