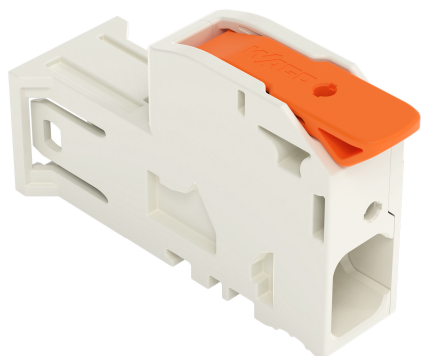


Data Sheet | Item Number: 832-1201/011-000

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 1-pole; 100% protected against mismating; Silver-plated contacts; 16,00 mm²; light gray

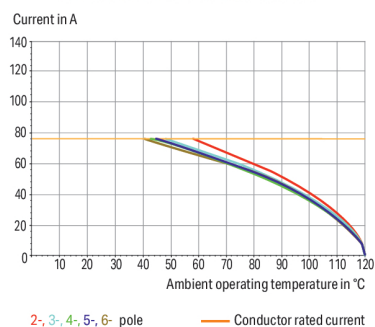
<https://www.wago.com/832-1201/011-000>

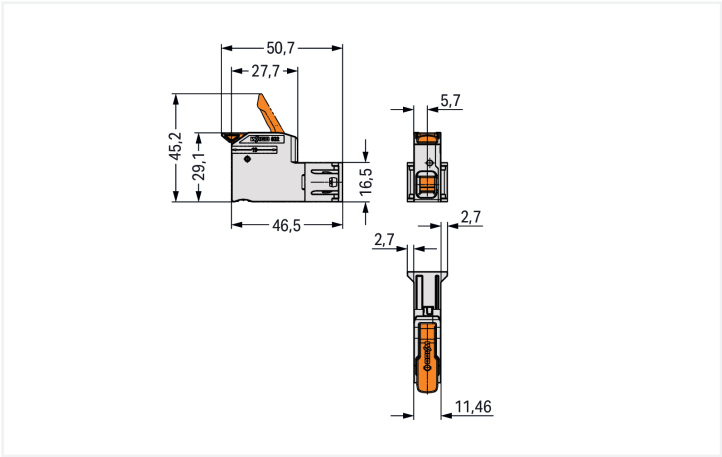
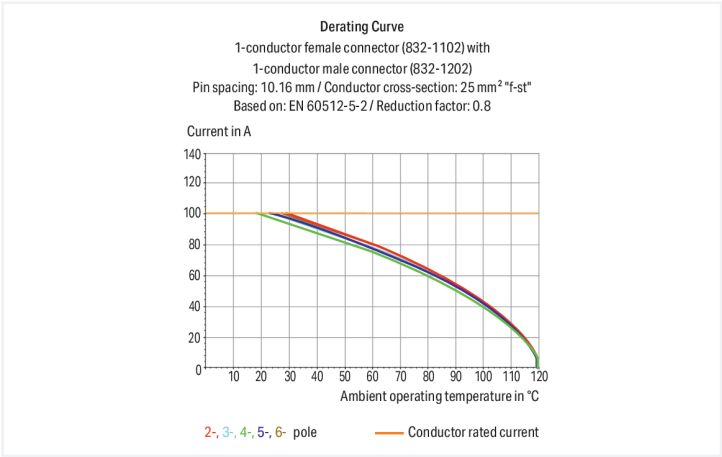


Color: ■ light gray



Derating Curve
1-conductor female connector (832-1102) with
1-conductor male connector (832-1202)
Pin spacing: 10.16 mm / Conductor cross-section: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8





Dimensions in mm

Male connector, 832 Series, Push-in CAGE CLAMP®

This male connector (item number 832-1201/011-000) simplifies electrical installations. Conductors can only be connected to this male connector if their strip length is between 18 and 20 mm . This product incorporates one conductor terminal and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. The dimensions are (21.62 x 29.1 x 50.6) mm (width x height x depth). Depending on the conductor type, this male connector is ideal for conductor cross sections ranging from 0.75 mm² to 16 mm².

Silver is used for coating the contact surfaces.

- Pin spacing: 10,16 mm
- Ready to install, immediately usable
- The right terminal for every wiring task
- Actuation via lever
- Enables simplified wiring in two actuation directions for CAGE CLAMP® variants

Notes	
Safety Information	The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.
Variants:	Other pole numbers 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 impulse withstand 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	-



Ratings	
Approvals per	UL 1977
Rated voltage	600 V
Rated current	85 A

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

Connection Data

Clamping units	1
Total number of potentials	1
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 mm² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm² / 18 ... 4 AWG
Fine-stranded conductor; with insulated fer- rule	0.75 ... 16 mm²
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm²
Strip length	18 ... 20 mm / 0.71 ... 0.79 inches
Pole number	1
Conductor entry direction to mating direc- tion	0 °

Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	21.62 mm / 0.851 inches
Height	29.1 mm / 1.146 inches
Depth	50.6 mm / 1.992 inches

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	Yes

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Silver
Fire load	0.201 MJ
Actuator color	orange
Weight	13.6 g

Environmental requirements	
Limit temperature range	-60 ... +120 °C

Commercial data	
PU (SPU)	24 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966398267
Customs tariff number	85366930000

Product Classification	
UNSPSC	39121409
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
DEKRA DEKRA Certification B.V.	EN 61984	71-129306
UL Underwriters Laboratories Inc.	UL 1977	UL-US- L45171-12-60218102-2

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 832-1201/011-000	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 832-1201/011-000	

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 832-1101/011-000/037-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 1-pole; 100% protected against mis-mating; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1101/011-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 1-pole; 100% protected against mis-mating; Silver-plated contacts; 16,00 mm²; light gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 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.: 216-286
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

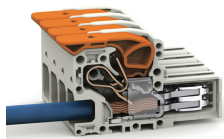
Item No.: 216-287
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



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

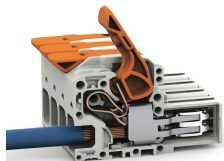
Installation Notes

Conductor termination



Fine-stranded wires, connected

Conductor termination



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