

Data Sheet | Item Number: 832-1101/011-000

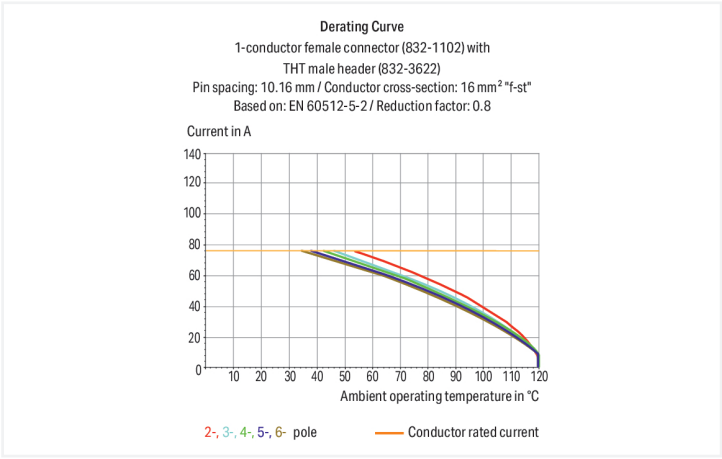
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 1-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray

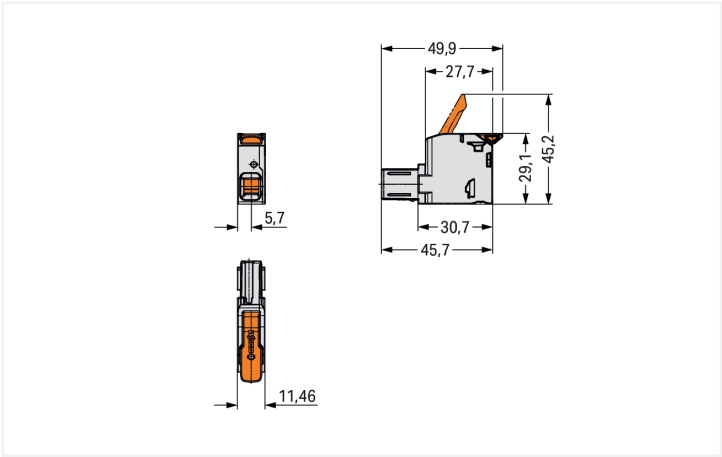
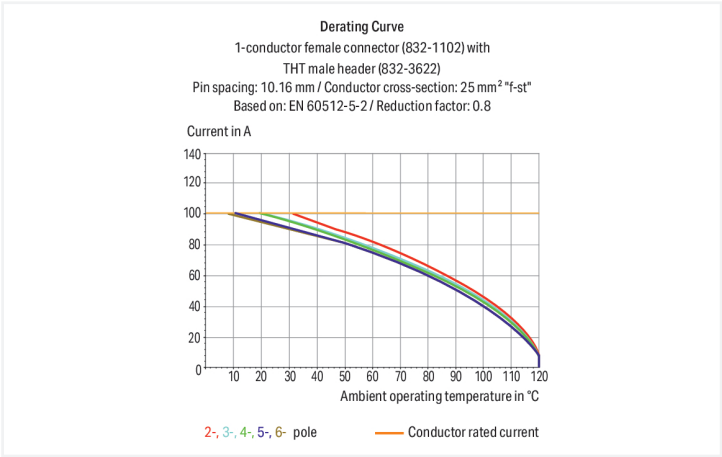


<https://www.wago.com/832-1101/011-000>



Color: ■ light gray





Dimensions in mm

Female connector, 832 Series, light gray

Enjoy effortless electrical installations with this female connector (item number 832-1101/011-000). Ensure that the strip lengths are between 18 and 20 mm when connecting conductors to this female connector. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this connector outperforms the competition. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. The item's dimensions are (21.62 x 29.1 x 49.8) mm (width x height x depth). This female connector is suitable for conductor cross sections ranging from 0.75 mm² to 16 mm².

Silver is used for coating the contact surfaces.

- The right terminal for every wiring task
- Actuation via lever
- Ready to install, immediately usable
- Pin spacing: 10,16 mm
- 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	Connection 1	
Total number of potentials	1		
Number of connection types	1	Connection technology	Push-in CAGE CLAMP®
Number of levels	1	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	49.8 mm / 1.961 inches

Mechanical data	
Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection	
Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material (main housing)	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Material of the additional spring for socket contact	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Silver
Fire load	0.185 MJ
Actuator color	orange
Weight	14.4 g



Environmental requirements	
Limit temperature range	-60 ... +120 °C
Processing temperature	-35 ... +60 °C

Commercial data	
PU (SPU)	24 pcs
Packaging type	not specified
Country of origin	PL
GTIN	4066966398533
Customs tariff number	85366990990

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 832-1101/011-000



Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data	
CAD data	
2D/3D Models 832-1101/011-000	

1 Compatible Products
1.1 System counterpart
1.1.1 Male connector/plug



Item No.: [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 mismatching; 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.: [216-210](#)

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

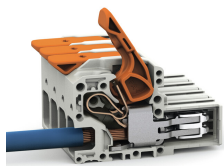


Item No.: [216-288](#)

Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

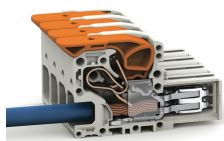
Installation Notes

Conductor termination



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

Conductor termination



Fine-stranded wires, connected