

Data Sheet | Item Number: 832-1101/011-000/037-000

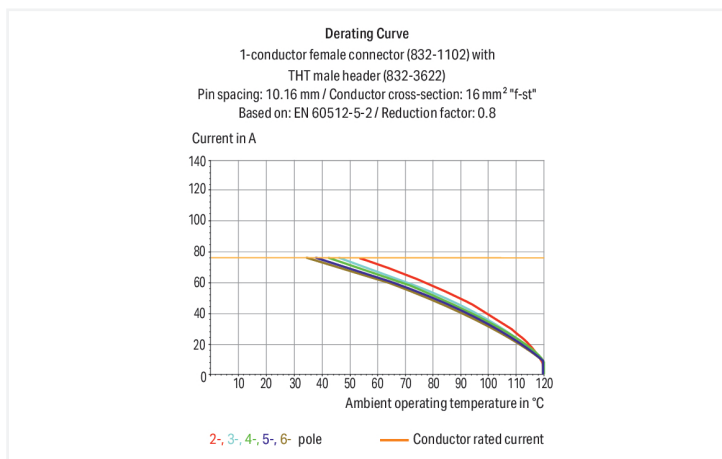
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 1-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray

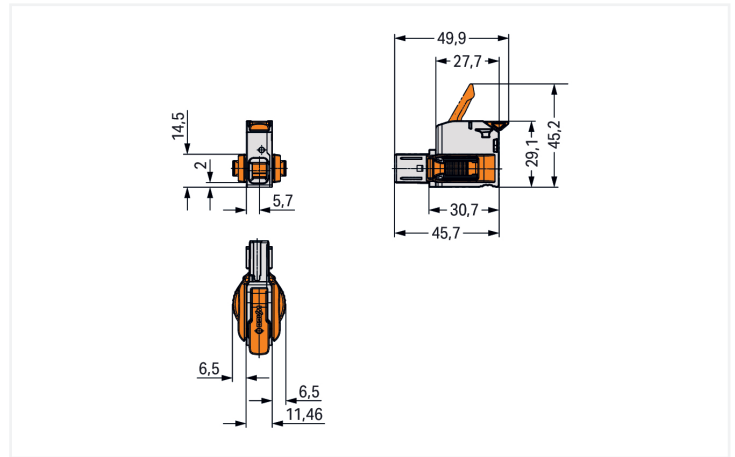
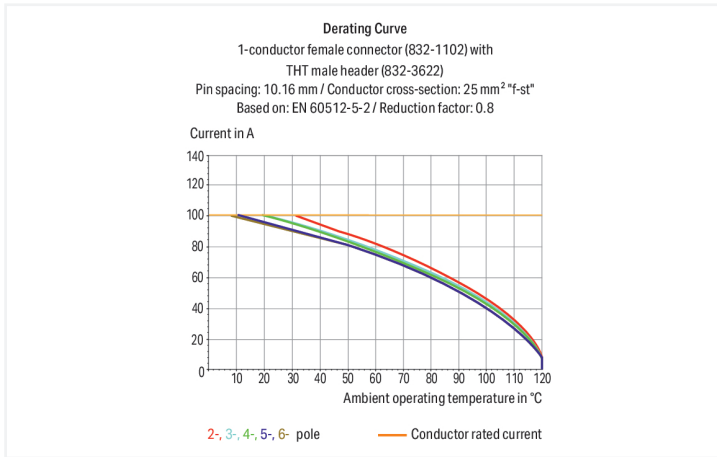


<https://www.wago.com/832-1101/011-000/037-000>



Color: ■ light gray





Female connector, 832 Series, light gray

This female connector (item number 832-1101/011-000/037-000) simplifies electrical installations. Strip lengths must be between 18 and 20 mm when connecting conductors to this female connector. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product outperforms the competition. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: 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. Dimensions: (33.62 x 29.1 x 49.8) mm (width x height x depth). Depending on the type of conductor, this female connector is ideal for conductor cross sections ranging from 0.75 mm² to 16 mm².

The contact surface is coated with silver.

- Enables simplified wiring in two actuation directions for CAGE CLAMP® variants
- Compact sizes
- Pin spacing: 10,16 mm
- Actuation via lever
- Safe and fast installation

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			Approvals per	UL 1059		
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	600 V	600 V	-
Nominal voltage	1000 V	1000 V	1000 V	Rated current	66 A	66 A	-
Rated impulse withstand voltage	8 kV	8 kV	8 kV				
Rated current	76 A	76 A	76 A				

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

Approvals per	CSA		
	B	C	D
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 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
Strip length	18 ... 20 mm / 0.71 ... 0.79 inches
Pole number	1
Conductor entry direction to mating direction	0°

Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	33.62 mm / 1.324 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
Locking of plug-in connection	Lateral locking lever

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	0.229 MJ
Actuator color	orange
Weight	16 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	4066966398540
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
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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



Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	
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CAD/CAE-Data

CAD data



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

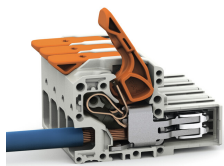


Item No.: [216-288](#)

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

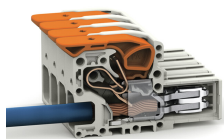
Installation Notes

Conductor termination



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

Conductor termination



Fine-stranded wires, connected