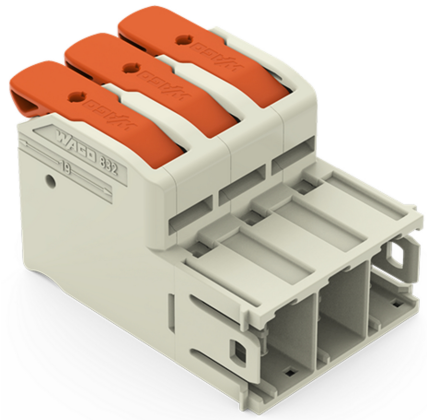
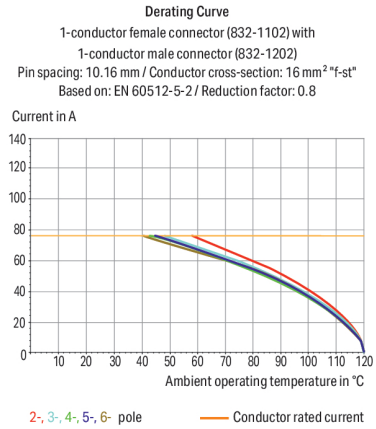
Data Sheet | Item Number: 832-1203/000-9034

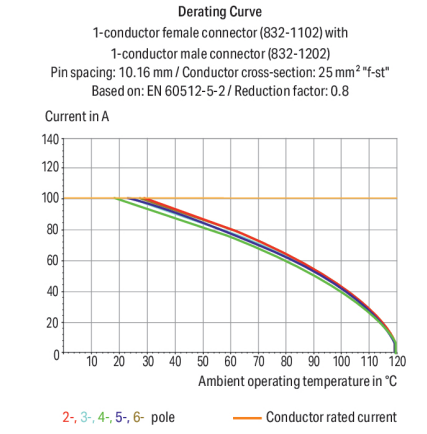
1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismating; Silver-plated contacts; direct marking; 16,00 mm²; light gray

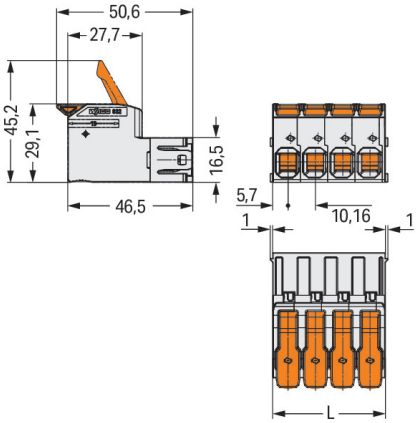
https://www.wago.com/832-1203/000-9034





Color: light gray





Dimensions in mm
L = (pole no. x pin spacing) + 1.3 mm

Male connector, 832 Series, with 10.16 mm pin spacing

Enjoy effortless electrical installations with this male connector (item number 832-1203/000-9034). Ensure that the strip lengths are between 18 and 20 mm when connecting conductors to this male connector. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be pushed in without the need for tools—all thanks to its pluggable design. The dimensions are (31.78 x 29.1 x 50.6) mm (width x height x depth). Depending on the type of conductor, this male connector is suitable for conductor cross sections ranging from 0.75 mm² to 16 mm².

The contact surface is coated with silver.

- Safe and fast installation
- 3 connection points
- Pin spacing: 10,16 mm
- Actuation via lever
- The right terminal for every wiring task

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	3
Total number of potentials	3
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 ferrule	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	3
Conductor entry direction to mating direction	0 °

Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	31.78 mm / 1.251 inches
Height	29.1 mm / 1.146 inches
Depth	50.6 mm / 1.992 inches

Continued on next page

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
Material group	I
Insulation material (main housing)	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact Plating	Silver
Fire load	0.507 MJ
Actuator color	orange
Weight	37.3 g

Environmental requirements

Limit temperature range	-60 … +120 °C
Processing temperature	-35 … +60 °C

Commercial data

PU (SPU)	24 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966825244
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

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Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-122199
DEKRA DEKRA Certification B.V.	EN 61984	71-168918
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-168766
UL Underwriters Laboratories Inc.	UL 1977	UL-US-L45171-12-60218102-2

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
832-1203/000-9034

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

PCB Design

Symbol and Footprint via SamacSys
832-1203/000-9034

Symbol and Footprint via Ultra Librarian
832-1203/000-9034

Continued on next page

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 832-1103
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismating; Silver-plated contacts; 16,00 mm²; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



Item No.: 832-500
Coding key carrier; orange

1.2.2 Ferrule

1.2.2.1 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

1.2.3 Installation

1.2.3.1 Mounting accessories



Item No.: 832-300
Locking device; for feed-through mounting; 2 parts; light gray

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1.2.4 Strain relief

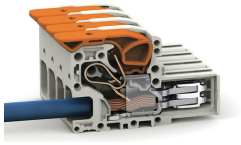
1.2.4.1 Strain relief plate



Item No.: 832-533
Strain relief plate; for female and male connectors; 30.4 mm wide; 1 part; Pin spacing 10.16 mm; 3-pole; light gray

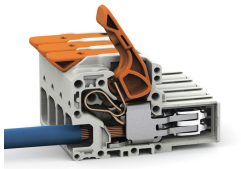
Installation Notes

Conductor termination



Fine-stranded wires, connected

Conductor termination



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