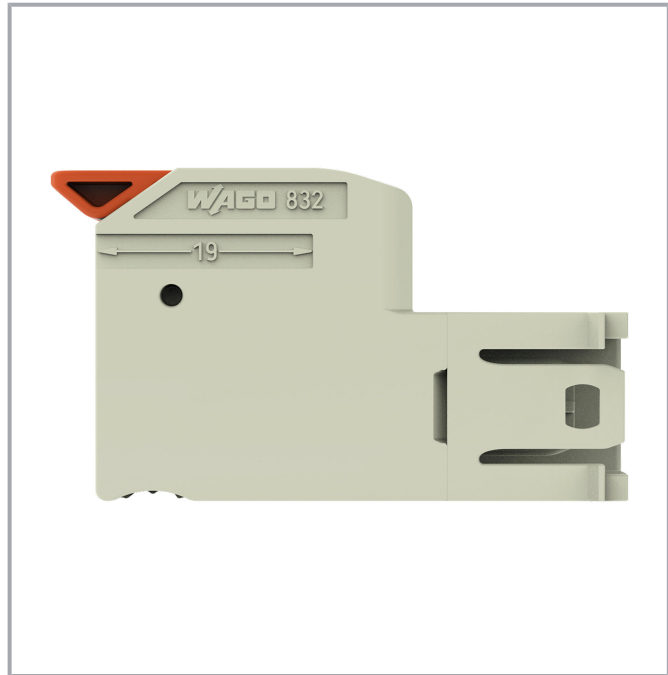
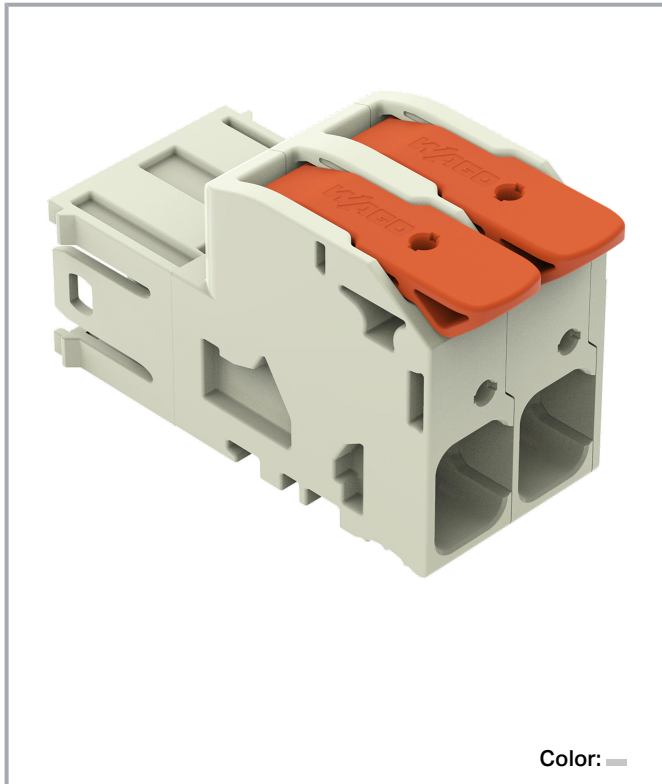


Data sheet | Item number: 832-1202

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismating; Silver-plated contacts; 16,00 mm²; light gray

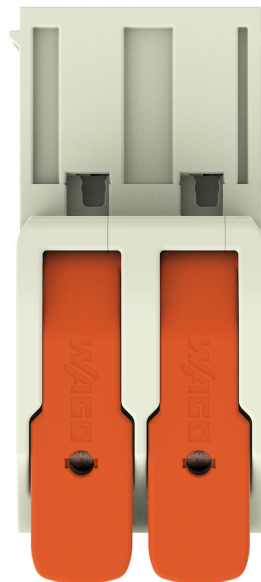
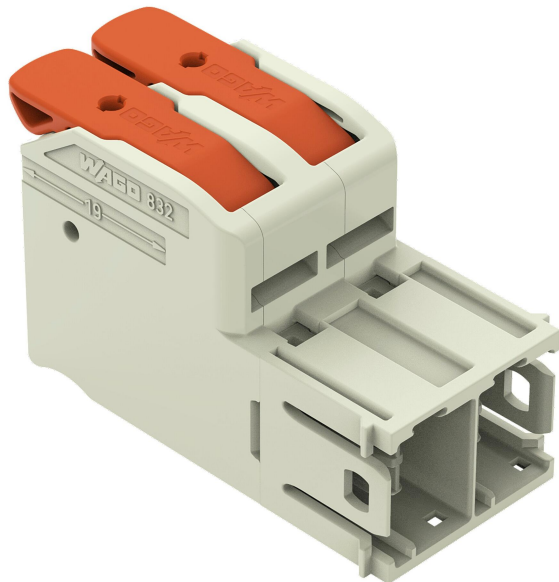
www.wago.com/832-1202



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Derating Curve

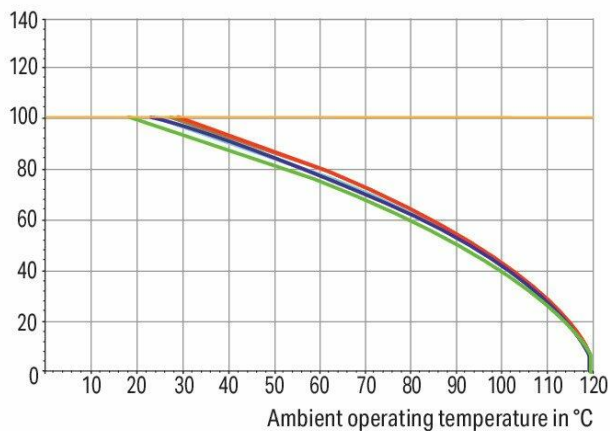
1-conductor female connector (832-1102) with

1-conductor male connector (832-1202)

Pin spacing: 10.16 mm / Conductor cross-section: 25 mm² "f-st"

Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



2-, 3-, 4-, 5-, 6- pole

— Conductor rated current

Derating Curve

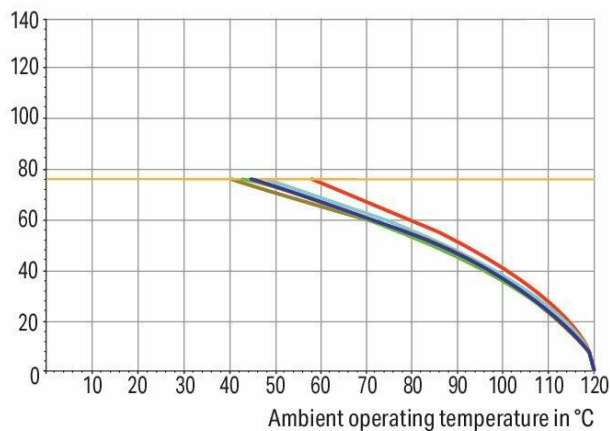
1-conductor female connector (832-1102) with

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

Current in A



2-, 3-, 4-, 5-, 6- pole

— Conductor rated current

Subject to changes. Please also observe the further product documentation!

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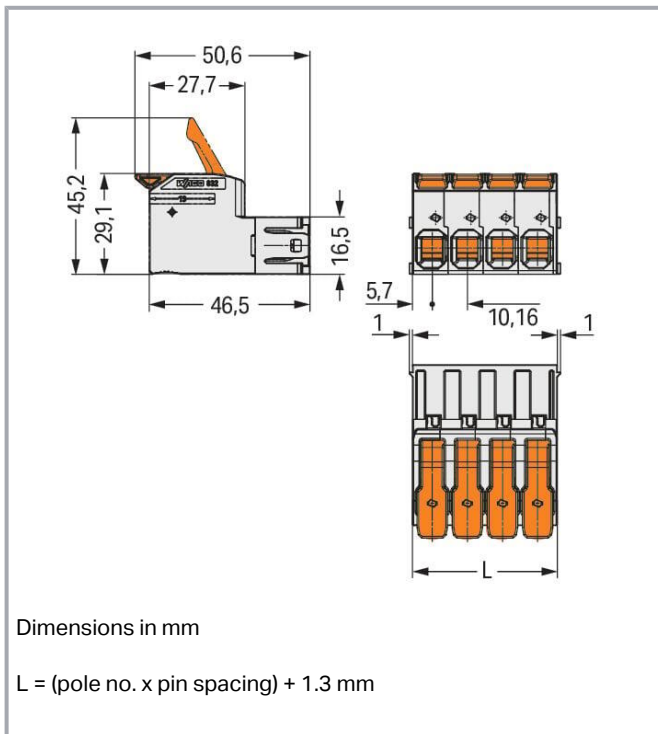
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Item description

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismating
- Coding option available

Data

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

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Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	1000 V
Rated impulse voltage (III/3)	8 kV
Rated voltage (III/2)	1000 V
Rated impulse voltage (III/2)	8 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	8 kV
Rated current	76 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 A

Ratings per UL 1977

Rated voltage (UL 1977)	600 V
Rated current UL 1977	85 A

Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	66 A

Connection data

Connection points	2
Total number of potentials	2

Subject to changes. Please also observe the further product documentation!



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	2
Conductor entry direction to mating direction	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

Coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	Yes
Plugging without loss of pin spacing	No
Locking of plug-in connection	none

Material Data

Note (material data)	Information on material specifications can be found here
Color	light gray

Subject to changes. Please also observe the further product documentation!



Material group	I
Insulation material	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	0.461 MJ
Color	orange
Insulation material	11.43 g
Weight	25.4 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-14-11-06
eCl@ss 10.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 8.0	EC001284
PU (SPU)	60 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143921329
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-53084
	CSA DEKRA Certification B.V.	C22.2	70180346

Subject to changes. Please also observe the further product documentation!



KEMA/KEUR
DEKRA Certification B.V.

EN 61984

71-
104731



UL
Underwriters Laboratories Inc.

C22.2 No. 158

E45172

Counterpart



Item no.832-1102

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102



Item no.832-1102/037-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/037-000



Item no.832-1102/322-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/322-000



Item no.832-1102/332-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/332-000



Item no.832-1102/342-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/342-000



Item no.832-1102/312-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/312-000



Item no.832-1102/037-000/306-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; DIN-35 rail/panel mounting; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/037-000/306-000

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**Item no. 832-1102/306-000**

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismating; DIN-35 rail/panel mounting; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1102/306-000

**Item no. 832-1102/000-9037**

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismating; Silver-plated contacts; direct marking; 16,00 mm²; light gray

www.wago.com/832-1102/000-9037

Optional accessories

Ferrule

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	www.wago.com/216-284
	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	www.wago.com/216-286
	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	www.wago.com/216-287
	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	www.wago.com/216-288
	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	www.wago.com/216-289

Mounting

Mounting accessories		
	Item no.: 832-300 Locking device; for feed-through mounting; 2 parts; light gray	www.wago.com/832-300

Downloads

Documentation

Additional Information

Technical Section	2019 年4月3日	pdf	Download
Technical explanations		2.0 MB	

CAD/CAE-Data

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**CAD data**

2D/3D Models 832-1202	URL	Download
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PCB Design

Symbol and Footprint 832-1202	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

CAE data

ZUKEN Portal 832-1202	URL	Download
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Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 832-1202

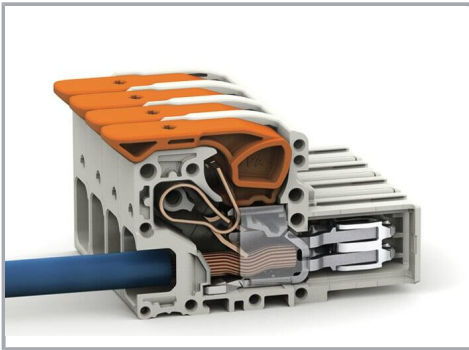
URL

Download

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray

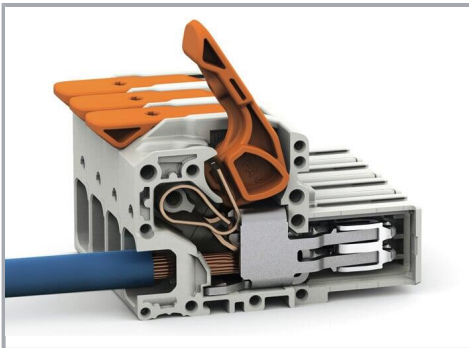
Installation Notes

Conductor termination



Fine-stranded wires, connected

Conductor termination



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

Product family

<i>MCS</i> MAXI 16

[Show all products from the family](#)

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