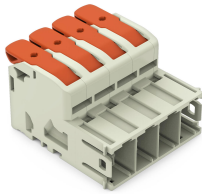


## Data sheet | Item number: 832-1204

1-conductor male connector; 100% protected against mismatching; lever;  
Silver-plated contacts; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 4-pole; 16,00 mm<sup>2</sup>;  
light gray



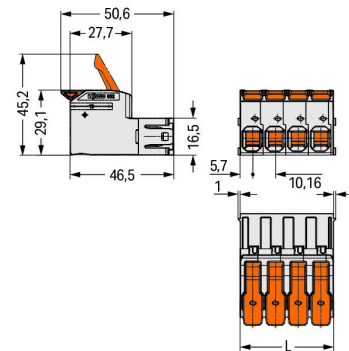
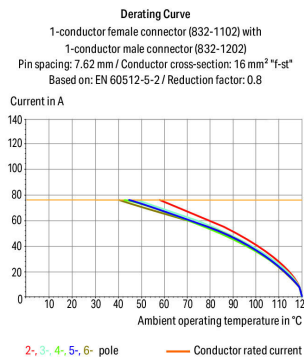
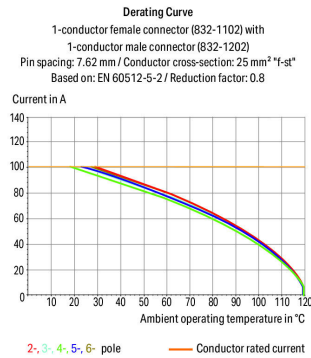
[www.wago.com/832-1204](http://www.wago.com/832-1204)



RoHS  
Compliant ✓

BOMcheck.net

Color: ■



$$L = (\text{pole no.} \times \text{pin spacing}) + 1.3 \text{ mm}$$

## 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 mismatching

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

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- Coding option available

**Safety information 1:**

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. The circuit design should ensure header pins, which can be touched, are not live when unmated.

**Data****Electrical data****Ratings per IEC/EN**

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated voltage (III/2)	1000 V
Rated surge 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**

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**

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

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



Rated current CSA (Use Group C)

66 A

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.75 ... 16 mm <sup>2</sup> / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm <sup>2</sup> / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm <sup>2</sup>
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Pole No.	4
Total number of connection points	4
Total number of potentials	4
Number of connection types	1
Number of levels	1

### Physical data

Pin spacing	10.16 mm / 0.4 inch
Width	41.94 mm / 1.651 inch
Height	29.1 mm / 1.146 inch
Depth	50.6 mm / 1.992 inch

### Plug-in connection

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

### Material data

Color	light gray
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 <sub>Cu</sub> )
Contact plating	silver-plated
Color of actuator	orange

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

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Weight	49.4 g
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## Environmental requirements



Limit temperature range	-60 ... +120 °C
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## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143748988
Customs tariff number	85366990990

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-53084
	<b>CSA</b> DEKRA Certification B.V.	C22.2	70180346
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71- 104731

## Counterpart



### Item no.832-1104

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 4-pole; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/832-1104](http://www.wago.com/832-1104)



### Item no.832-1104/037-000

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; Locking lever; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 4-pole; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/832-1104/037-000](http://www.wago.com/832-1104/037-000)








## Compatible products

ferrule

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	<b>Item no.: 216-284</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-284">www.wago.com/216-284</a>
	<b>Item no.: 216-286</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	<a href="http://www.wago.com/216-286">www.wago.com/216-286</a>
	<b>Item no.: 216-287</b> Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-287">www.wago.com/216-287</a>
	<b>Item no.: 216-288</b> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	<a href="http://www.wago.com/216-288">www.wago.com/216-288</a>
	<b>Item no.: 216-289</b> Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-289">www.wago.com/216-289</a>
<b>Strain relief plate</b>		
	<b>Item no.: 832-534</b> Strain relief plate; Pin spacing 10.16 mm; light gray	<a href="http://www.wago.com/832-534">www.wago.com/832-534</a>
<b>Coding</b>		
	<b>Item no.: 832-500</b> Coding key carrier; orange	<a href="http://www.wago.com/832-500">www.wago.com/832-500</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 832-1204	URL	Download
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#### PCB Design

Symbol and Footprint 832-1204	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

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



- 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

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#### CAE data

ZUKEN Portal 832-1204	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 832-1204	<a href="#">URL</a>	<a href="#">Download</a>
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1-conductor male connector; 100% protected against mismatching; lever; Silver-plated contacts; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 4-pole; 16,00 mm<sup>2</sup>; light gray

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## Installation Notes

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## Product family

*MCS* MAXI 16

[Show all products from the family](#)

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