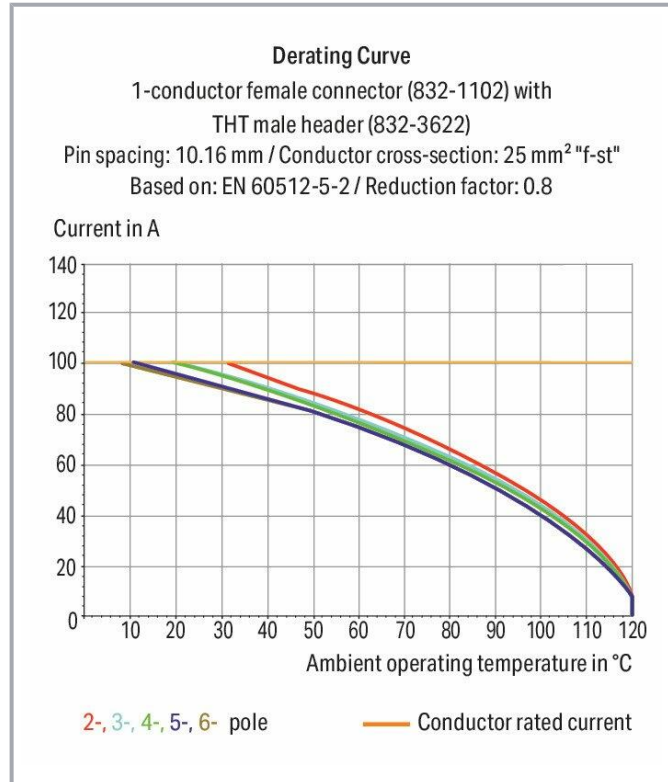


Data sheet | Item number: 832-1106/037-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 6-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray



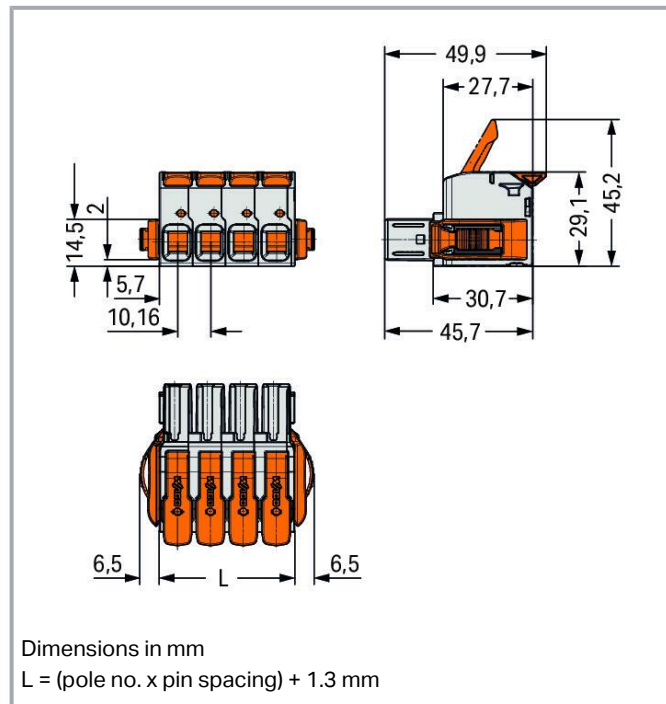
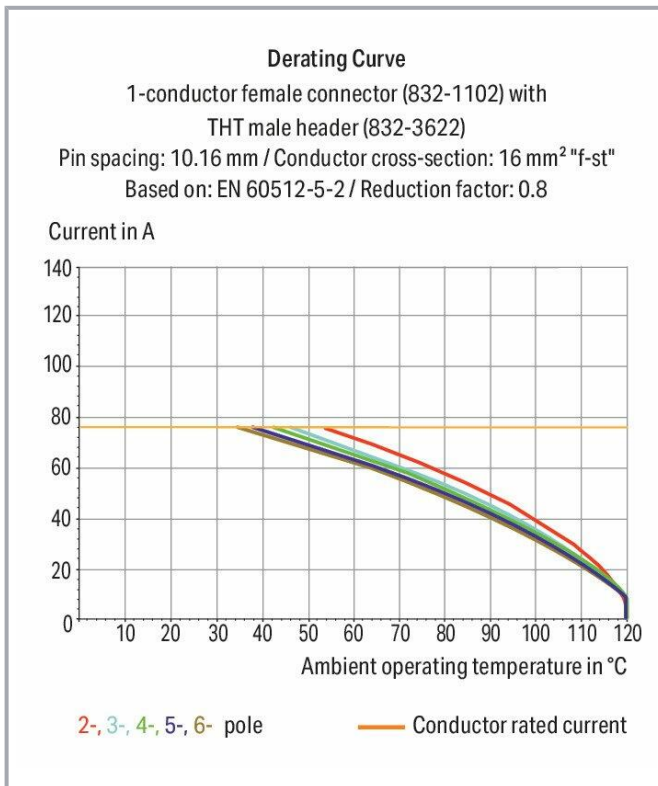
www.wago.com/832-1106/037-000



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

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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 mismatching
- Coding option available

Data

Notes

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.

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Other pole numbers

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

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Electrical data

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

Connection data

Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	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 inch
Pole No.	6

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

Conductor entry direction to mating direction 0°

Physical data

Pin spacing	10.16 mm / 0.4 inch
Width	74.26 mm / 2.924 inch
Height	29.1 mm / 1.146 inch
Depth	49.8 mm / 1.961 inch

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

Color	light gray
Material group	I
Insulation material	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-plated
Color of actuator	orange
Weight	81.6 g

Environmental requirements

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

PU (SPU)	10 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143736817
Customs tariff number	85366990990


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

Approvals / Certificates





Country specific 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
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 104731

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Counterpart

	Item no.832-1206 1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm ² ; Pin spacing 10.16 mm; 6-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm ² ; light gray	www.wago.com/832-1206
	Item no.832-3646 THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 6-pole; light gray	www.wago.com/832-3646
	Item no.832-3626 THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 6-pole; light gray	www.wago.com/832-3626
	Item no.832-3606 THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 6-pole; light gray	www.wago.com/832-3606

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

Optional accessories


Ferrule

Ferrule	
	Item no.: 216-210 Ferrule; Sleeve for 16 mm ² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue www.wago.com/216-210
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / 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 mm ² / 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 mm ² / 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 mm ² / 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 mm ² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red www.wago.com/216-289



Coding

Coding	
	Item no.: 832-500 Coding key carrier; orange www.wago.com/832-500

Strain relief

Strain relief plate	
	Item no.: 832-534 Strain relief plate; Pin spacing 10.16 mm; light gray www.wago.com/832-534

Mounting adapter

Mounting accessories	
	Item no.: 832-1032 Mounting adapter; for DIN-35 rail/panel mounting; Pin spacing 10.16 mm; light gray www.wago.com/832-1032
	Item no.: 832-1038 Mounting adapter; for DIN-35 rail/panel mounting; Pin spacing 10.16 mm; light gray www.wago.com/832-1038

Downloads

Documentation

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



Additional Information

Technical explanations

Apr 3, 2019

pdf
2.0 MB

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CAD/CAE-Data

CAD data

2D/3D Models 832-1106/037-000

[URL](#)

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PCB Design

Symbol and Footprint 832-1106/037-000

[URL](#)

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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

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CAE data

ZUKEN Portal 832-1106/037-000

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 832-1106/037-000

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Installation Notes

Conductor termination



Insert solid or ferruled conductors via push-in termination

Conductor termination



Insert fine-stranded conductors and remove all conductors via lever

Product family

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



MCS MAXI 16

[Show all products from the family](#)

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