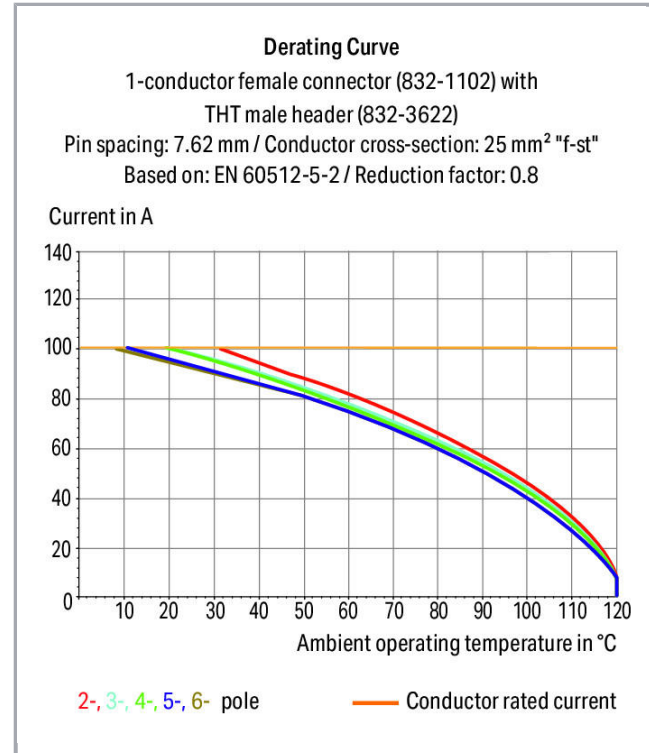


## Fișă tehnică | Număr articol: 832-1106

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 6-pole; 16,00 mm<sup>2</sup>; light gray

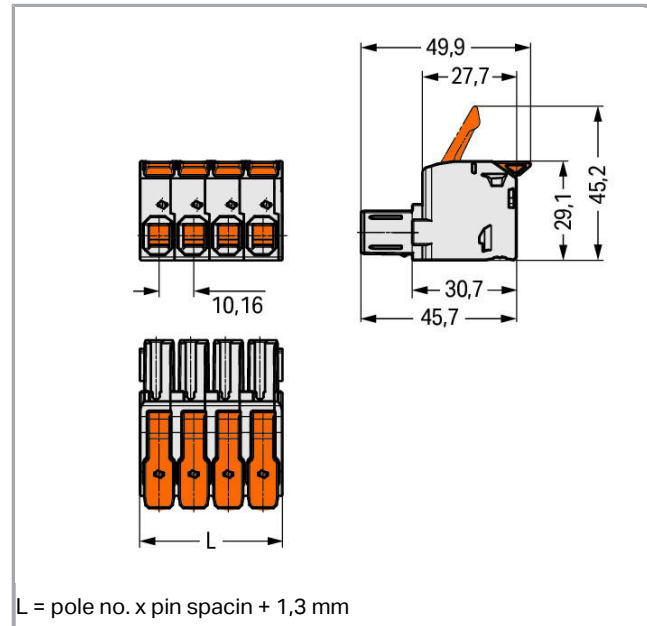
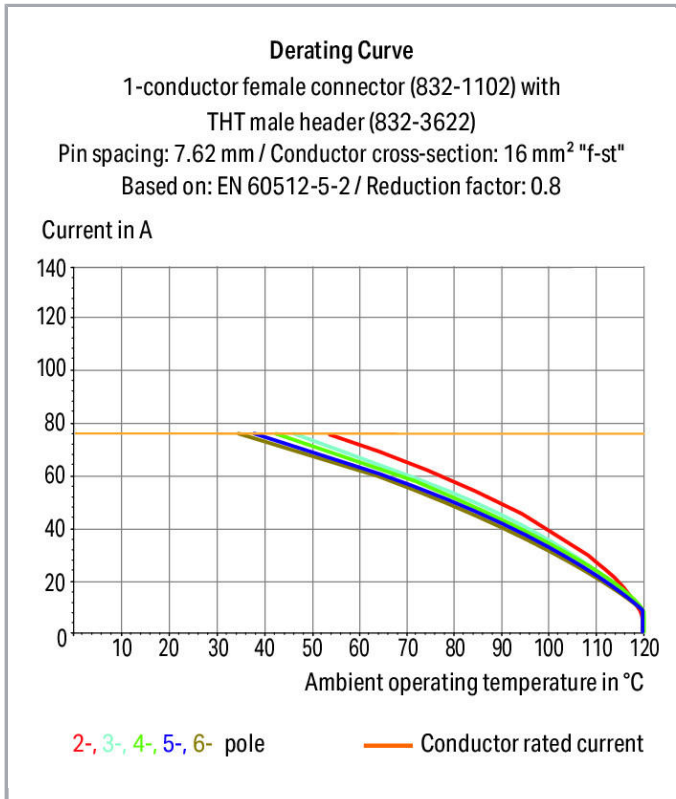
[www.wago.com/832-1106](http://www.wago.com/832-1106)



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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



## Descriere articol

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in terminations of solid and ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismatching
- Coding via coding fingers

### 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.

## Date

### Electrical data

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### Ratings per IEC/EN 60664-1

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) $\triangleq$ 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	UL 1059

### 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 technology	Push-in CAGE CLAMP <sup>®</sup>
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.	6
Total number of connection points	6
Total number of potentials	6

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Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	10,16 mm / 0.4 inch
Width	62,26 mm / 2.451 inch
Height	29,1 mm / 1.146 inch
Depth	49,8 mm / 1.961 inch

### Plug connection

Contact type (pluggable connector)	Female connector/socket
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)
Material of the additional spring for socket contact	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	silver-plated
Weight	80,2 g

### Environmental Requirements

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

Packaging type	BOX
Country of origin	DE
GTIN	4055143736756
Customs tariff number	85366990990



### Aprobări / certificate

#### Country specific Approvals


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Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	70180346
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-104731


## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	20190731-E45172

## Counterpart

	<b>Nr. articol</b> 832-1206 1-conductor male connector; 100% protected against mismatching; lever; Silver-plated contacts; 16 mm <sup>2</sup> ; Pin spacing 10.16 mm; 16,00 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/832-1206">www.wago.com/832-1206</a>
	<b>Nr. articol</b> 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	<a href="http://www.wago.com/832-3606">www.wago.com/832-3606</a>
	<b>Nr. articol</b> 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	<a href="http://www.wago.com/832-3646">www.wago.com/832-3646</a>
	<b>Nr. articol</b> 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	<a href="http://www.wago.com/832-3626">www.wago.com/832-3626</a>

## Produse compatibile

Coding		
	<b>Nr. articol:</b> 832-500 Coding key carrier; orange	<a href="http://www.wago.com/832-500">www.wago.com/832-500</a>

Supus modificărilor.

## Strain relief plate



Nr. articol: 832-545

center locking with strain relief; Pin spacing 10.16 mm; orange

[www.wago.com/832-545](http://www.wago.com/832-545)

## Descărcări

## Documentation

## Additional Information

Technical explanations	Apr 3, 2019	pdf 3,6 MB	Descărcare
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## CAD/CAE-Data

## CAD data

2D/3D Models 832-1106	URL	Descărcare
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## PCB Design

Symbol and Footprint 832-1106	URL	Descărcare
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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

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- 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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## Installation Notes

## Familie de produse

<i>MCS</i> MAXI 16

Afișare globală produse din familie.

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