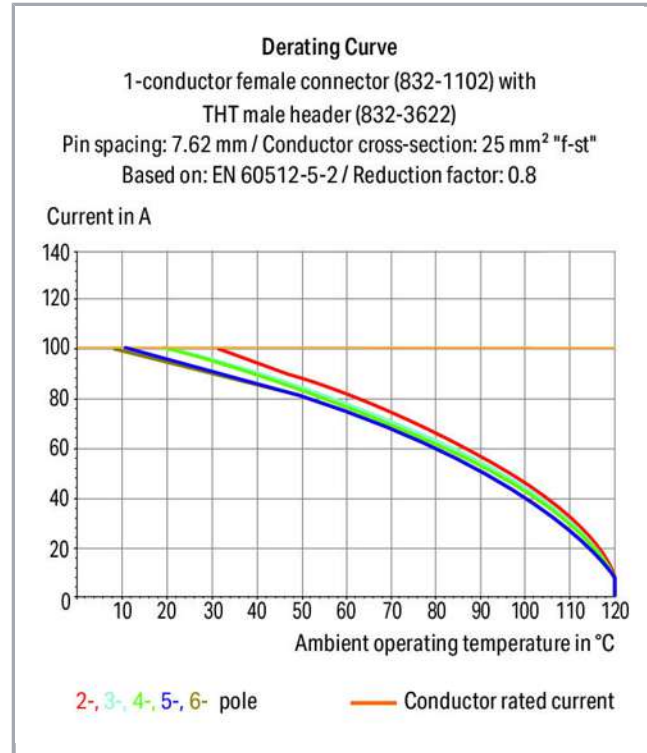
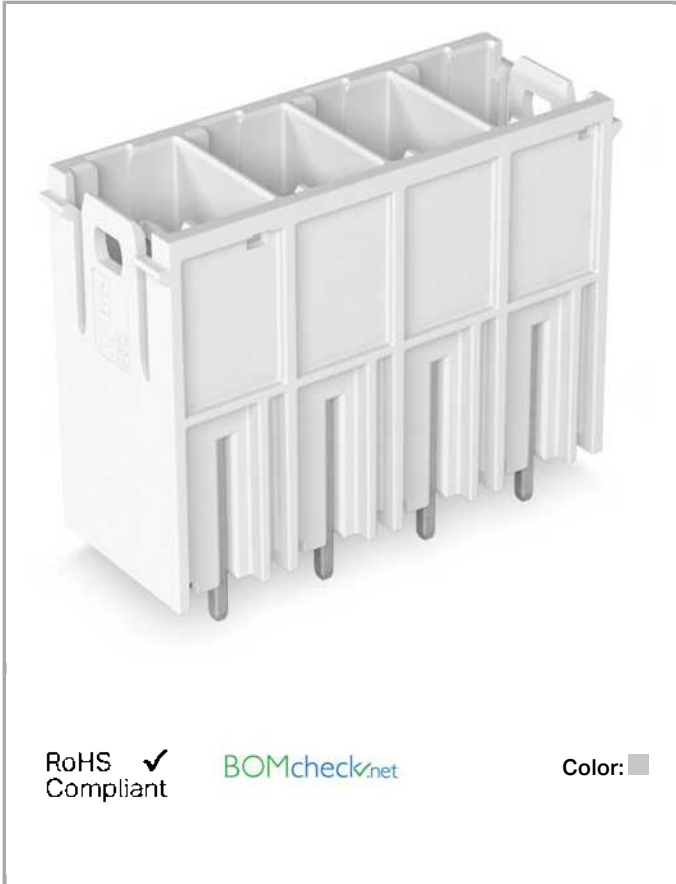


Data sheet | Item number: 832-3604

THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray

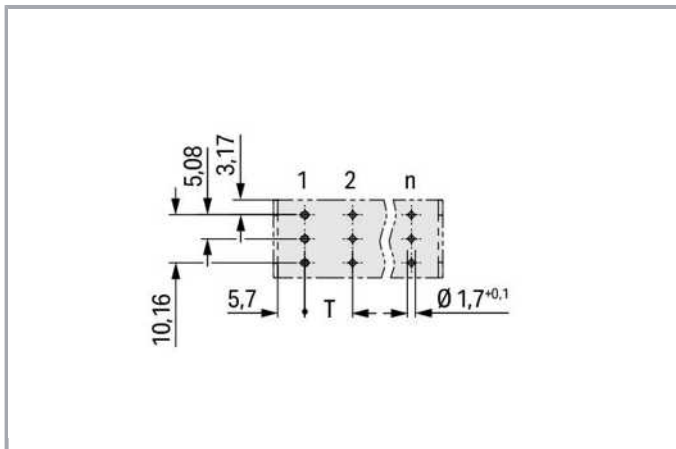
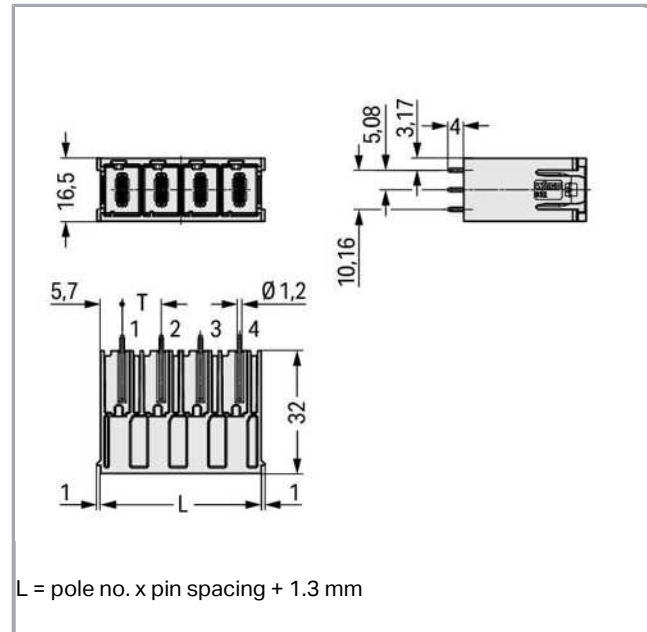
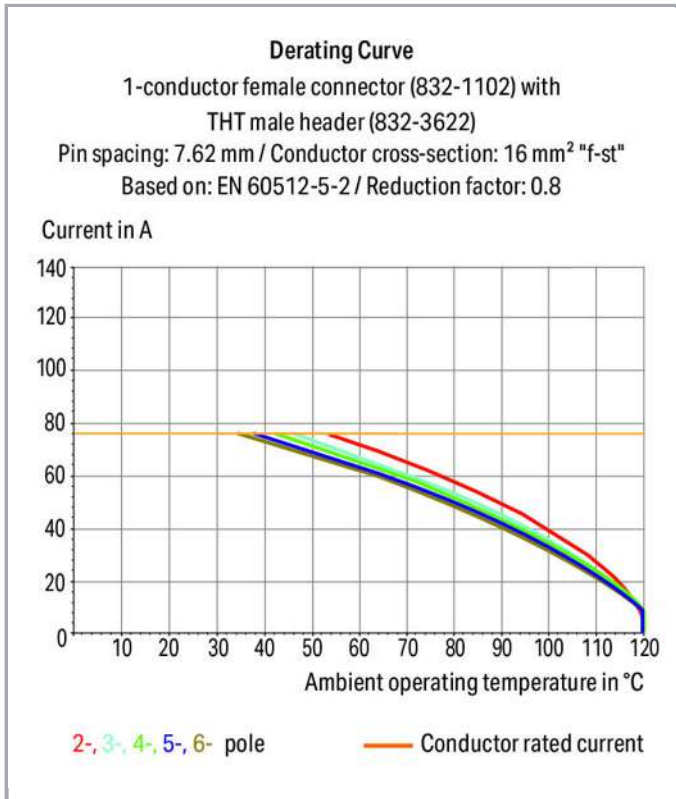
www.wago.com/832-3604



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

- Male header may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- Mating face (IP2XB) with higher protection against accidental contact
- 100% protected against mismatching
- Coding via coding fingers

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

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**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 60664-1**

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated impulse voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	8 kV
Rated current	76 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	66 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	66 A
Rated voltage CSA (Use Group D)	600 V
Rated current CSA (Use Group D)	5 A

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



Connection data

No. of poles	4
Total number of potentials	4
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	10,16 mm / 0.4 inch
Width	41,94 mm / 1.651 inch
Height	36 mm / 1.417 inch
Height from the surface	32 mm / 1.26 inch
Depth	16,5 mm / 0.65 inch
Solder pin length	4 mm
Solder pin dimensions	1,2 x 1,2 mm
Drilled hole diameter (tolerance)	1,7 ^(+0,1) mm

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCB
Mismating protection	Yes
Mating direction to the PCB	90°

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire male connector (in-line)
Number of solder pins per potential	3

Material Data

Color	light gray
Material group	I
Insulating 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-plated

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

Weight	21.5 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	4055143735384
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	20190731- E45172

Counterpart



Item no.832-1104

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; 16 mm²; Pin spacing 10.16 mm; 4-pole; 16,00 mm²; light gray

www.wago.com/832-1104

Item no.832-1104/037-000

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1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; Locking lever; 16 mm²; Pin spacing 10.16 mm; 4-pole; 16,00 mm²; light gray

www.wago.com/832-1104/037-000

Compatible products

Coding



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

www.wago.com/832-500

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 832-3604	URL	Download
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PCB Design

Symbol and Footprint 832-3604	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:

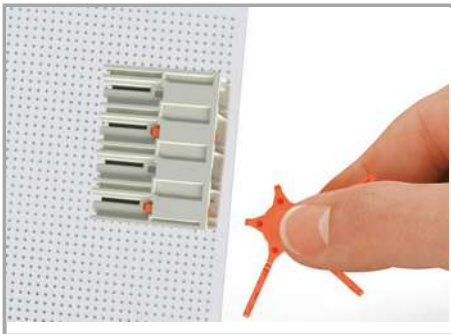
- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture

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

- 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

Installation Notes



Product family

MCS MAXI 16

[Show all products from the family](#)

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