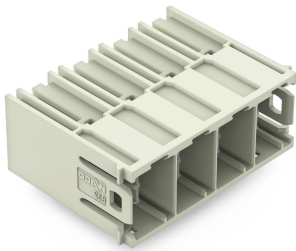


Data sheet | Item number: 832-3624

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

www.wago.com/832-3624



Color:

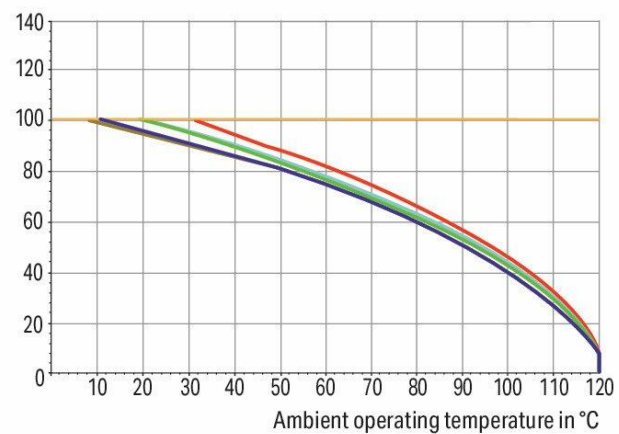
Derating Curve

1-conductor female connector (832-1102) with
THT male header (832-3622)

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

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

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Derating Curve

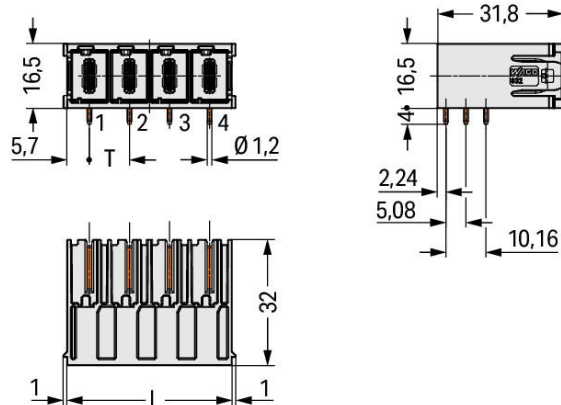
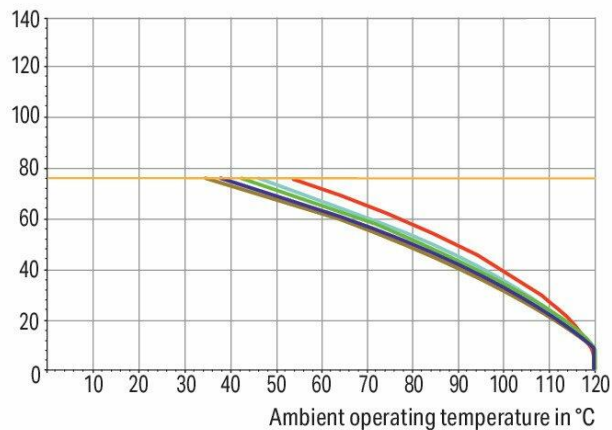
1-conductor female connector (832-1102) with

THT male header (832-3622)

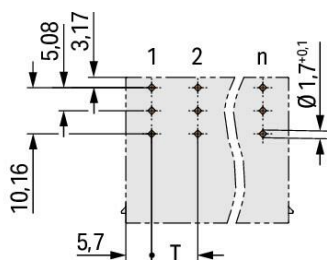
Pin spacing: 10.16 mm / Conductor cross-section: 16 mm² "f-st"

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

Current in A



Dimensions in mm

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

Dimensions in mm

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

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

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- 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.

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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	800 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

Ratings per UL

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

Ratings per UL

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

Ratings per CSA

Approvals per	CSA
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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

Connection data

Total number of potentials	4
Number of connection types	1
Number of levels	1

Connection 1

Pole No.	4
----------	---

Physical data

Pin spacing	10.16 mm / 0.4 inch
Width	41.94 mm / 1.651 inch
Height	20.5 mm / 0.807 inch
Height from the surface	16.5 mm / 0.65 inch
Depth	32 mm / 1.26 inch
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter with tolerance	1.7 ^(+0.1) mm

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	Yes
Mating direction to the PCB	0°
Locking of plug-in connection	Without

PCB contact

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

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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 _{Cu})
Contact plating	silver-plated
Weight	21.6 g

Environmental requirements



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

PU (SPU)	20 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143735414
Customs tariff number	85366990990

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

Certificate


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

Counterpart

	Item no.832-1104 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104
	Item no.832-1104/037-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104/037-000
	Item no.832-1104/314-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104/314-000
	Item no.832-1104/322-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104/322-000
	Item no.832-1104/334-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104/334-000
	Item no.832-1104/344-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	www.wago.com/832-1104/344-000

Optional accessories

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

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

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Downloads

Documentation

Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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CAD/CAE-Data

PCB Design

Symbol and Footprint 832-3624

URL Download

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**

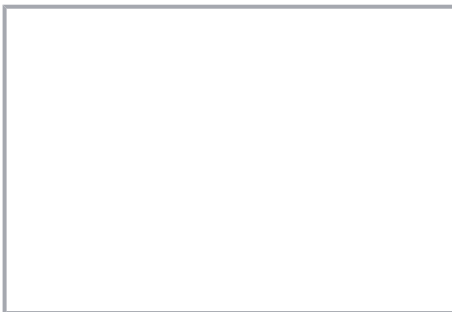
ZUKEN Portal 832-3624	URL	Download
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CAD data

2D/3D Models 832-3624	URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 832-3624	URL	Download
THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray		

Installation Notes**Coding**

Coding a THT male header by inserting a coding pin.

Product family

<i>MCS</i> MAXI 16

[Show all products from the family](#)

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