

**Data sheet | Item number: 832-3602**

THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 2-pole; light gray

[www.wago.com/832-3602](http://www.wago.com/832-3602)



**Color:**



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

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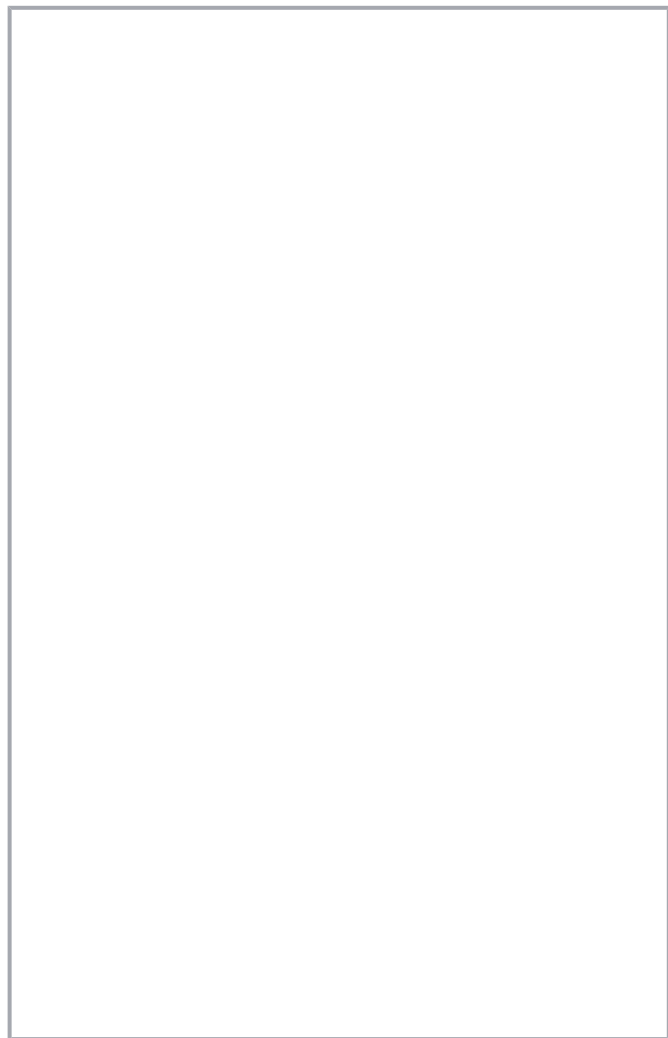
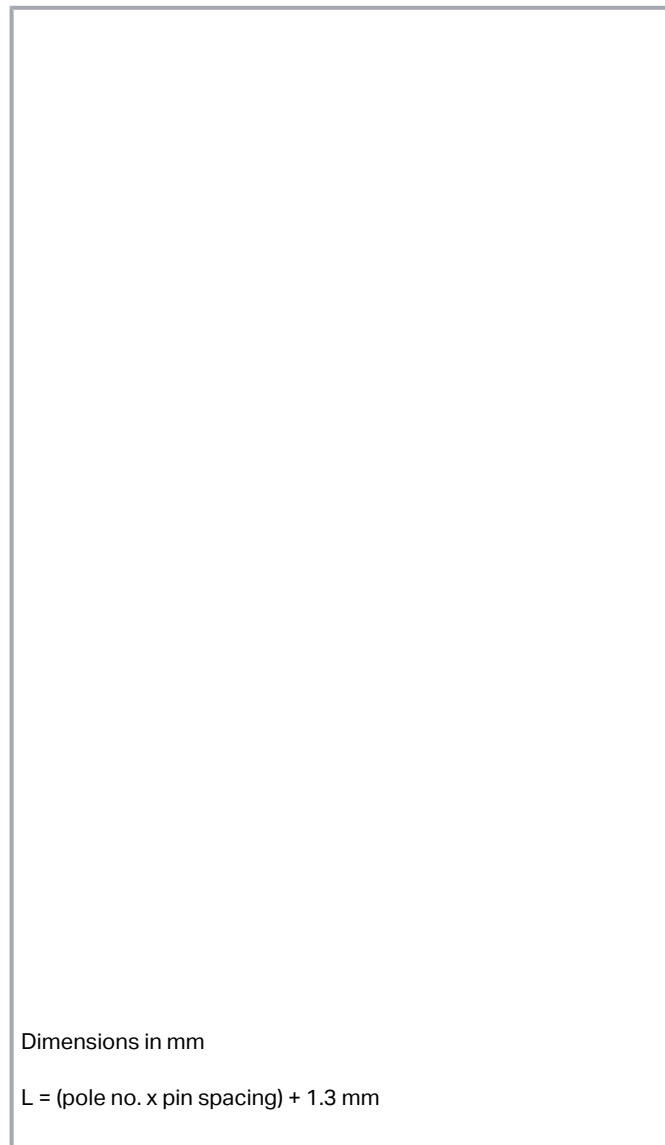
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### Item description

- 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

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## Data Notes

### Safety information

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. 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.

### Variants:

Other pole numbers  
Protection against PCB mounting errors  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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
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

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### Ratings per UL 1977

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

### Ratings per CSA

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

### Connection data

Total number of potentials	2
Number of connection types	1
Number of levels	1

### Connection 1

Pole number	2
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### Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	21.62 mm / 0.851 inches
Height	36 mm / 1.417 inches
Height from the surface	32 mm / 1.26 inches
Depth	16.5 mm / 0.65 inches
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter with tolerance	1.7 <sup>(+0.1)</sup> mm

### Mechanical Data

Variable coding	Yes
Anti-rotation protection	Yes

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## Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	Yes
Plugging without loss of pin spacing	No
Mating direction to the PCB	90 °
Locking of plug-in connection	none

## PCB contact

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

## Material Data

Note (material data)

Information on material specifications can be found here

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
Fire load	0.226 MJ
Weight	11 g

## Environmental requirements

Limit temperature range	-60 ... +120 °C
Processing temperature	-35 ... +60 °C

## Commercial data

eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637

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PU (SPU)	60 pcs
Packaging type	box
Country of origin	PL
GTIN	4055143920971
Customs tariff number	85366930000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-53084
	<b>CSA</b> CSA Group	C22.2	70180346
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71- 104731
	<b>UL</b> Underwriters Laboratories Inc.	C22.2 No. 158	E45172

## Counterpart

<b>Item no.832-1102</b> 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray	<a href="http://www.wago.com/832-1102">www.wago.com/832-1102</a>
<b>Item no.832-1102/037-000</b> 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray	<a href="http://www.wago.com/832-1102/037-000">www.wago.com/832-1102/037-000</a>
<b>Item no.832-1102/312-000</b> 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	<a href="http://www.wago.com/832-1102/312-000">www.wago.com/832-1102/312-000</a>
<b>Item no.832-1102/322-000</b> 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray	<a href="http://www.wago.com/832-1102/322-000">www.wago.com/832-1102/322-000</a>
<b>Item no.832-1102/332-000</b> 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	<a href="http://www.wago.com/832-1102/332-000">www.wago.com/832-1102/332-000</a>
<b>Item no.832-1102/342-000</b>	<a href="http://www.wago.com">www.wago.com</a>

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1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

/832-1102/342-000

**Item no.832-1102/000-9037**

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; direct marking; 16,00 mm²; light gray

[www.wago.com/832-1102/000-9037](http://www.wago.com/832-1102/000-9037)

**Downloads**

**Documentation**

**Additional Information**

2019 年4月3日

pdf  
2.0 MB

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**CAD/CAE-Data**

**PCB Design**

Symbol and Footprint 832-3602

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!

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- 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 832-3602	<a href="#">URL</a>	<a href="#">Download</a>
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#### CAD data

2D/3D Models 832-3602	<a href="#">URL</a>	<a href="#">Download</a>
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### Environmental Product Compliance

#### Compliance Search

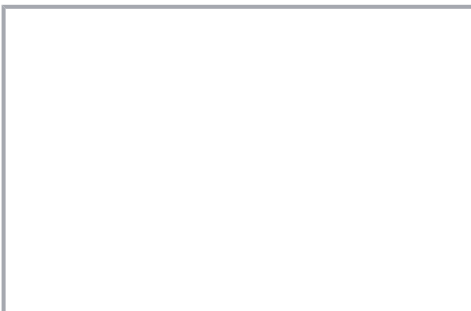
Environmental Product Compliance 832-3602	<a href="#">URL</a>	<a href="#">Download</a>
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THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 2-pole; light gray

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### 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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