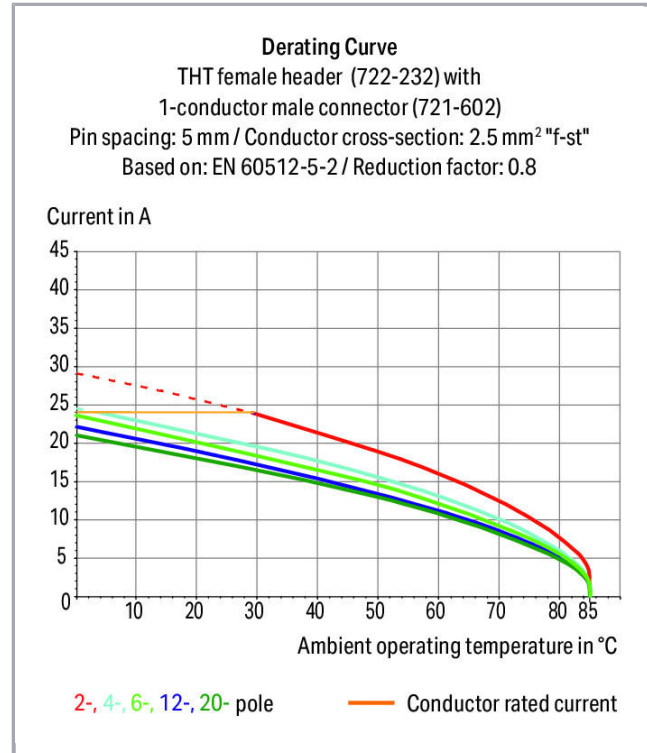


Fișă tehnică | Număr articol: 722-242/031-000

THT female header; 0.6 x 1.0 mm solder pin; angled; 100% protected against mismatching; clamping collar; Pin spacing 5 mm; 12-pole; light gray



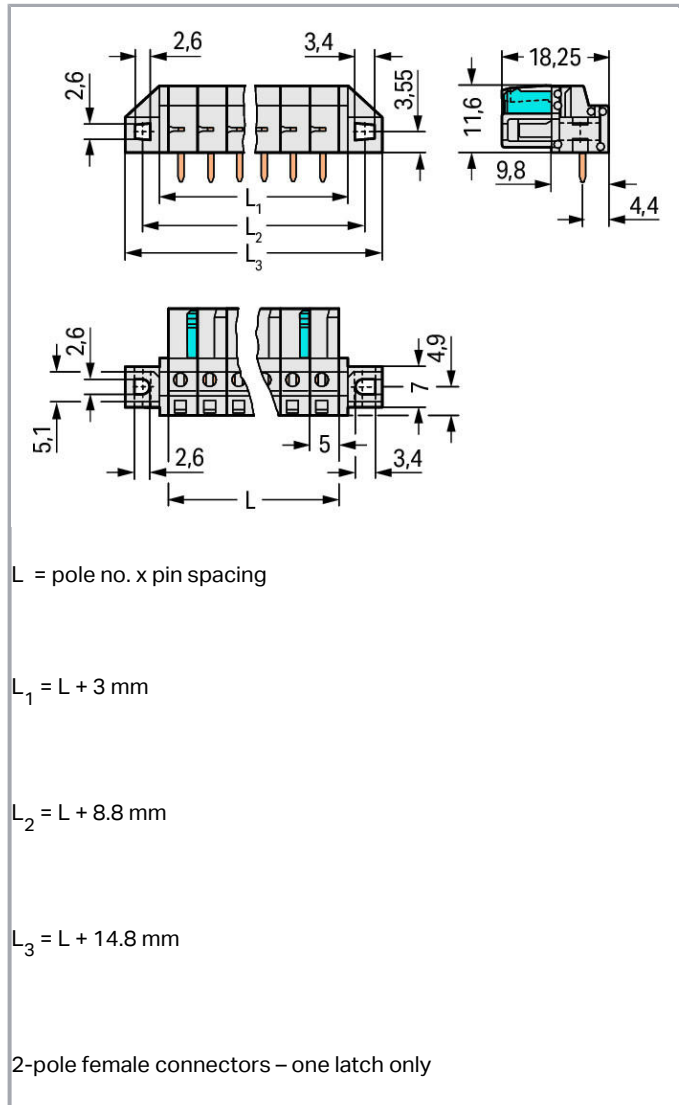
[www.wago.com/722-242/031-000](http://www.wago.com/722-242/031-000)



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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

- Horizontal or vertical PCB mounting via straight or angled solder pins
- For board-to-board and board-to-wire connections
- Touch-proof PCB outputs
- Easy-to-identify PCB inputs and outputs
- 100 % protected against mismatching
- With coding fingers

### Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS

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Connectors shall 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****Ratings per IEC/EN 60664-1**

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	320 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

**Approvals per UL 1059**

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

**Approvals per UL 1977**

Rated voltage UL 1977	600 V
Rated current UL 1977	15 A

**Approvals per CSA**

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

**Connection data**

Pole No.	12
----------	----

Supus modificărilor.



Total number of potentials	12
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	74.8 mm / 2.945 inch
Height	16.6 mm / 0.654 inch
Height from the surface	11.6 mm / 0.457 inch
Depth	18.25 mm / 0.719 inch
Solder pin length	5 mm
Solder pin dimensions	0.6 x 1 mm
Drilled hole diameter with tolerance	1.3 <sup>(+0.1)</sup> mm

### Mechanical data

Mounting type	Mounting flange
Mounting type	Feed-through mounting Panel mounting

### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCBs
Mismatching protection	Yes
Mating direction to the PCB	0°

### PCB contact

PCB contact	THT
Solder pin arrangement	over the entire female connector, in line
Number of solder pins per potential	1

### Material Data

Color	light gray
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper alloy

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Contact plating	tin-plated
Fire load	0,202 MJ
Weight	11,7 g

### Environmental Requirements


Limit temperature range	-60 ... +85 °C
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### Commercial data



Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918627269
Customs tariff number	85366990990

### Aprobări / certificate

#### Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	1466354

#### UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL Underwriters Laboratories Inc.	UL 1059	E45172- 19911118
	UR UL International Germany GmbH	UL 1977	E45171

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## Counterpart



Nr. articol: 721-612

1-conductor male connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 12-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-612](http://www.wago.com/721-612)

## Produse compatibile

### check



Nr. articol: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

[www.wago.com/210-136](http://www.wago.com/210-136)



Nr. articol: 210-137

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

[www.wago.com/210-137](http://www.wago.com/210-137)



Nr. articol: 231-661

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/231-661](http://www.wago.com/231-661)

### assembling



Nr. articol: 209-147

Self-tapping screw

[www.wago.com/209-147](http://www.wago.com/209-147)



Nr. articol: 231-194

Self-tapping screw; B 2.2x13, fixing hole 1.8 mm Ø

[www.wago.com/231-194](http://www.wago.com/231-194)



Nr. articol: 231-195

Screw with nut; M2x12; for fixing element

[www.wago.com/231-195](http://www.wago.com/231-195)



Nr. articol: 231-295

Screw with nut

[www.wago.com/231-295](http://www.wago.com/231-295)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
3,6 MB

Descărcare

### CAD/CAE-Data

#### CAD data

2D/3D Models 722-242/031-000

URL

Descărcare

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#### CAE data

EPLAN Data Portal 722-242/031-000	<a href="#">URL</a>	<a href="#">Descărcare</a>
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#### PCB Design

Symbol and Footprint 722-242/031-000	<a href="#">URL</a>	<a href="#">Descărcare</a>
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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

#### Installation Notes

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## Familie de produse

*MCS* MIDI

Afișare globală produse din familie.

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