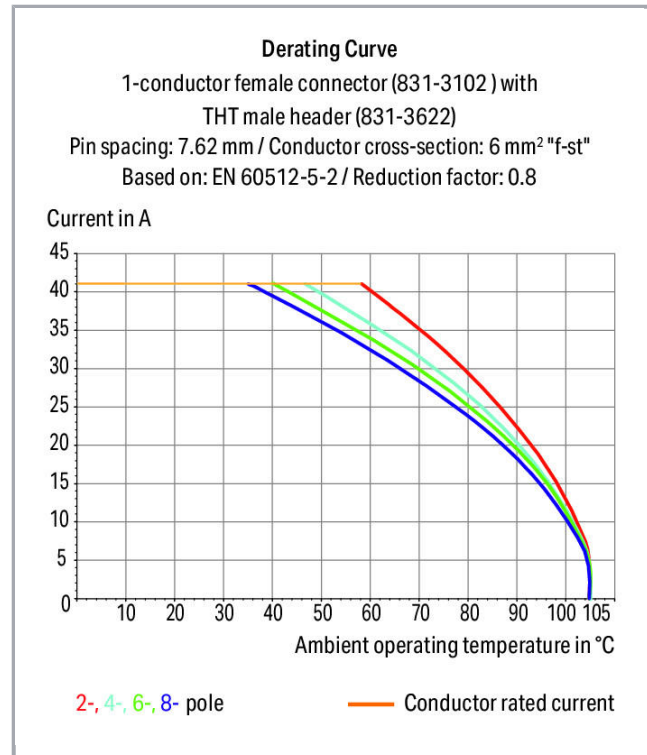
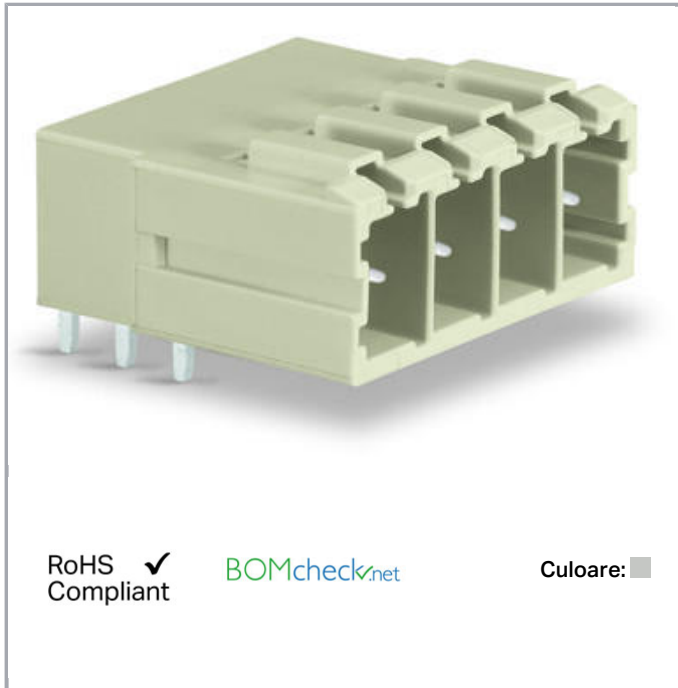


Fișă tehnică | Număr articol: 831-3624

THT male header; 1.0 x 1.2 mm solder pin; angled; 100% protected against mismatching; Pin spacing 7.62 mm; 4-pole; light gray

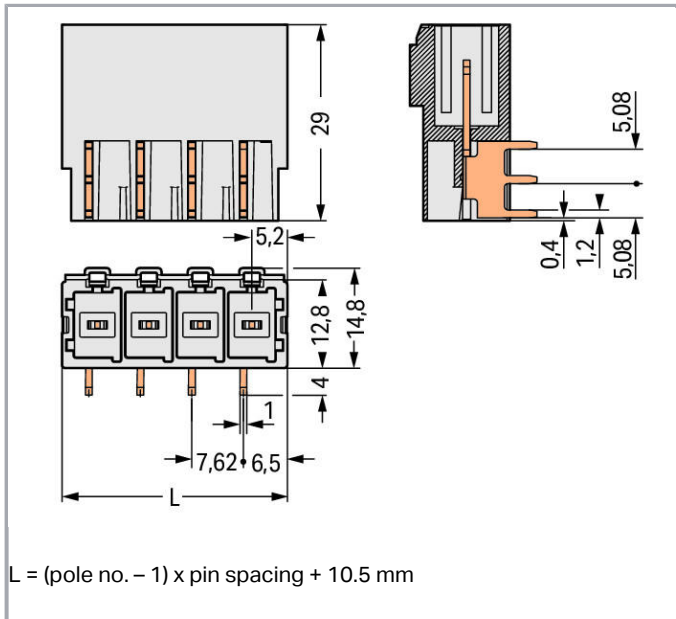
www.wago.com/831-3624



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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

- Male headers may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- 100 % protected against mismatching
- Coding via 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 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) | 500 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated voltage (III/2) | 630 V |
| Rated surge voltage (III/2) | 6 kV |
| Nominal voltage (II/2) | 1000 V |

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| | |
|----------------------------|--|
| Rated surge voltage (II/2) | 6 kV |
| Rated current | 41 A |
| Legend (ratings) | (III / 2) \triangleq Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Rated voltage UL (Use Group C) | 300 V |
| Rated current UL (Use Group C) | 42 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 C) | 300 V |
| Rated current CSA (Use Group C) | 41 A |
| Rated voltage CSA (Use Group D) | 600 V |
| Rated current CSA (Use Group D) | 5 A |

Connection data

| | |
|----------------------------|---|
| Pole No. | 4 |
| Total number of potentials | 4 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 7,62 mm / 0.3 inch |
| Width | 33,36 mm / 1.313 inch |
| Height | 18,8 mm / 0.74 inch |
| Height from the surface | 14,8 mm / 0.583 inch |
| Depth | 29 mm / 1.142 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 1 x 1,2 mm |
| Drilled hole diameter with tolerance | 1,7 ^(+0,1) mm |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type) | for PCBs |

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| | |
|-----------------------------|-----|
| Mismating protection | Yes |
| Mating direction to the PCB | 0° |

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 |
| Insulation material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0,183 MJ |
| Weight | 10,6 g |

Environmental Requirements


| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|

Commercial data

| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4045454002190 |
| 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 |
| | KEMA/KEUR | EN 61984 | 71- |

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DEKRA Certification B.V.

110530






Ship Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|---|-----------------------|------------------------------|----------------------|
|  | LR Lloyds Register | IEC 61984 | 96 /20035 (E5) |

UL-Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|--------------------------------------|------------------------------|---------------------|
|  | UL Underwriters Laboratories Inc. | UL 1059 | 20181217- E45172 |

Counterpart

| | | |
|--|--|--|
|  | Nr. articol 831-3104 1-conductor female plug; 100% protected against mismatching; 10 mm ² ; Pin spacing 7.62 mm; 4-pole; 10,00 mm ² ; light gray | www.wago.com/831-3104 |
|  | Nr. articol 831-3104/000-9037 1-conductor female plug; 100% protected against mismatching; direct marking; 10 mm ² ; Pin spacing 7.62 mm; 4-pole; 10,00 mm ² ; light gray | www.wago.com/831-3104/000-9037 |
|  | Nr. articol 831-3104/037-000 1-conductor female plug; 100% protected against mismatching; Locking lever; 10 mm ² ; Pin spacing 7.62 mm; 4-pole; 10,00 mm ² ; light gray | www.wago.com/831-3104/037-000 |
|  | Nr. articol 831-3104/135-000 1-conductor female plug; 100% protected against mismatching; Gripping plate; 10 mm ² ; Pin spacing 7.62 mm; 4-pole; 10,00 mm ² ; light gray | www.wago.com/831-3104/135-000 |
|  | Nr. articol 831-3104/037-9037 1-conductor female plug; 100% protected against mismatching; Locking lever; direct marking; 10 mm ² ; Pin spacing 7.62 mm; 4-pole; 10,00 mm ² ; light gray | www.wago.com/831-3104/037-9037 |

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Produse compatibile

Coding



Nr. articol: 831-500
Coding pin carrier with six coding pins; orange

www.wago.com/831-500

Descărcări Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

CAD/CAE-Data

CAD data

| | | |
|-----------------------|-----|------------|
| 2D/3D Models 831-3624 | URL | Descărcare |
|-----------------------|-----|------------|

CAE data

| | | |
|----------------------------|-----|------------|
| EPLAN Data Portal 831-3624 | URL | Descărcare |
|----------------------------|-----|------------|

PCB Design

| | | |
|-------------------------------|-----|------------|
| Symbol and Footprint 831-3624 | URL | Descărcare |
|-------------------------------|-----|------------|

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

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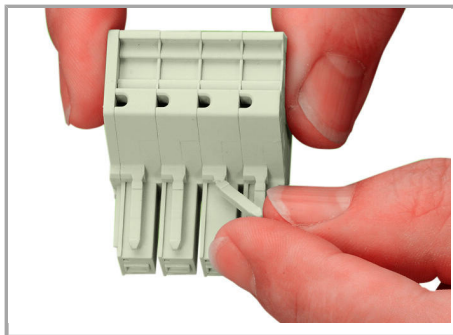
Aveți întrebări despre produsele noastre?
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- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

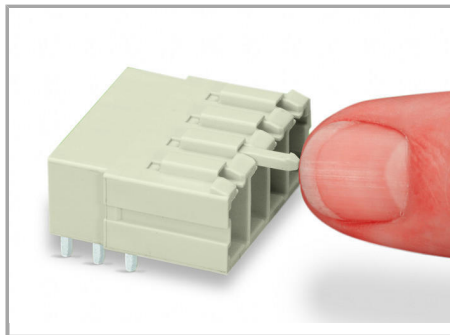
PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Installation Notes

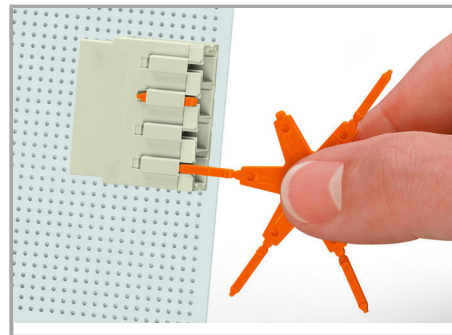
Coding



Break or cut off coding pin from female connector.



Insert coding pin into male header (break first) until it engages.



Coding a THT male header by inserting a coding pin.

Familie de produse

<i>MCS</i> MAXI 6

Afișare globală produse din familie.

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