

**Data sheet | Item number: 2092-3372/200-000**

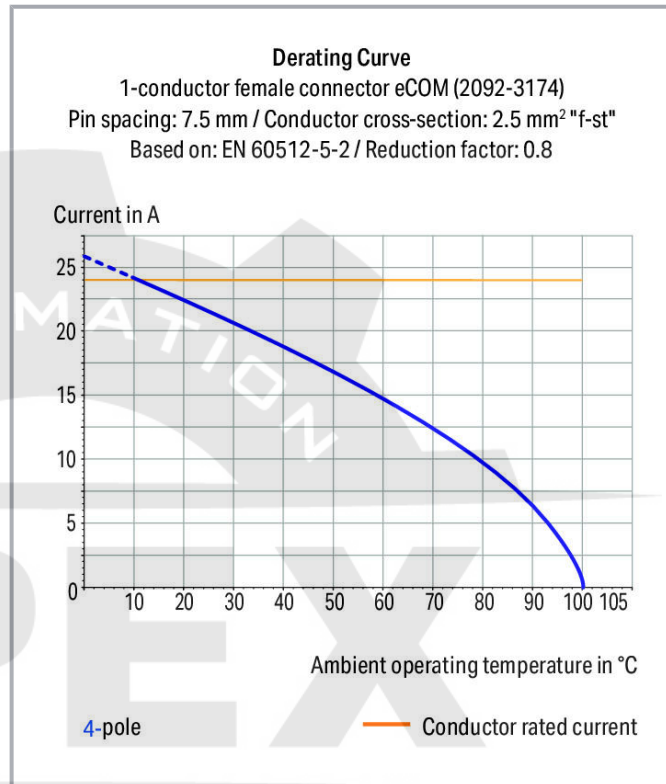
1-conductor female connector; push-button; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm;  
2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-3372\\_200-000](http://www.wago.com/2092-3372_200-000)



 Picture differs from the item.

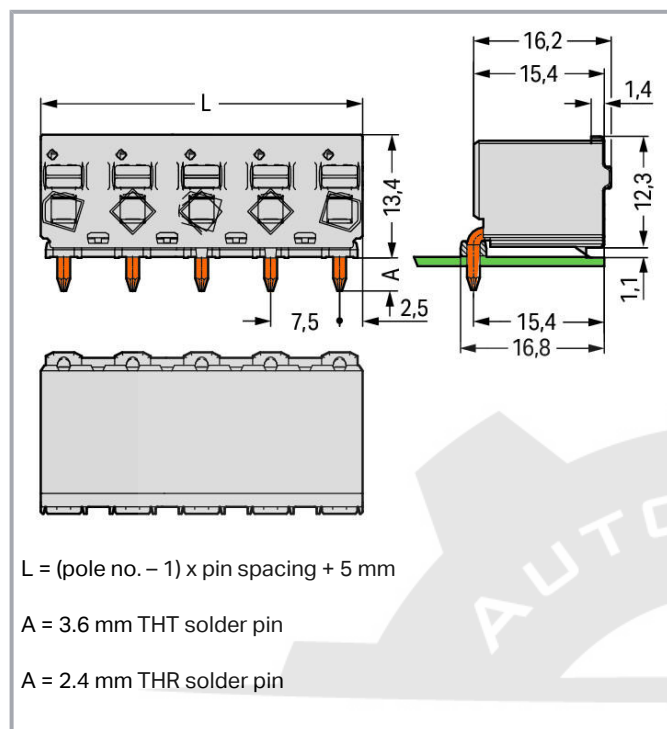
Color: —



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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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## Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require specialty tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Factory-installed, straight or angled solder pins allow horizontal or vertical mounting to the PCB

## Safety information 1:

The **picoMAX® Pluggable 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

## IEC Approvals

Ratings per

IEC/EN 60664-1

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|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Rated voltage (III / 3)     | 400 V                                                                |
| Rated surge voltage (III/3) | 6 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               | 16 A                                                                 |
| Legend (ratings)            | (III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2 |

## UL Approvals

|                                |         |
|--------------------------------|---------|
| 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    |

## Connection data

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection technology                             | Push-in CAGE CLAMP®                         |
| Actuation type                                    | Push-button                                 |
| Solid conductor                                   | 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor                           | 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 1.5 mm <sup>2</sup>                |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm <sup>2</sup>                |
| Strip length                                      | 9 ... 10 mm / 0.35 ... 0.39 inch            |
| Conductor connection direction to PCB             | 0°                                          |
| Pole No.                                          | 2                                           |
| Total number of connection points                 | 2                                           |
| Total number of potentials                        | 2                                           |
| Number of connection types                        | 1                                           |
| Number of levels                                  | 1                                           |

## Physical data

|             |                      |
|-------------|----------------------|
| Pin spacing | 7.5 mm / 0.295 inch  |
| Width       | 12.5 mm / 0.492 inch |
| Height      | 13.4 mm / 0.528 inch |
| Depth       | 16.2 mm / 0.638 inch |

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|                                    |                          |
|------------------------------------|--------------------------|
| Solder pin length                  | 2.4 mm                   |
| Solder pin diameter                | 1.4 mm                   |
| Plated through-hole diameter (THR) | 1.6 <sup>(+0.1)</sup> mm |

### Plug-in connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type)        | for PCB                 |
| Mismating protection               | No                      |
| Mating direction to the PCB        | 0°                      |
| Locking of plug-in connection      | Without                 |

### PCB contact

|             |     |
|-------------|-----|
| PCB Contact | THR |
|-------------|-----|

### Material data

|                             |                                        |
|-----------------------------|----------------------------------------|
| Color                       | light gray                             |
| Material group              | I                                      |
| Insulation material         | Polyphthalamide (PPA GF)               |
| Flammability class per UL94 | V0                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0.005 MJ                               |
| Weight                      | 2.7 g                                  |

### Environmental requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

### Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143910002 |
| Customs tariff number | 8536694040    |

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## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                              | Additional Approval Text | Certificate name   |
|----------------------------------------------------------------------------------|---------------------------------------|--------------------------|--------------------|
|  | CSA<br>DEKRA Certification B.V.       | C22.2                    | 2362521            |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 61984                 | 71-102261<br>REV.1 |

### UL-Approvals

| Logo                                                                             | Approval                             | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 1977                  | 20190909-E45171  |

## Downloads Documentation

### Additional Information

|                        |             |                 |          |
|------------------------|-------------|-----------------|----------|
| Technical explanations | Apr 3, 2019 | pdf<br>2.0 MB   | Download |
| THR Soldering Process  |             | pdf<br>402.7 kB | Download |

## CAD files

### CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 2D/3D Models 2092-3372/200-000 | URL | Download |
|--------------------------------|-----|----------|

### CAE data

|                                |     |          |
|--------------------------------|-----|----------|
| ZUKEN Portal 2092-3372/200-000 | URL | Download |
|--------------------------------|-----|----------|

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2092-3372/200-000

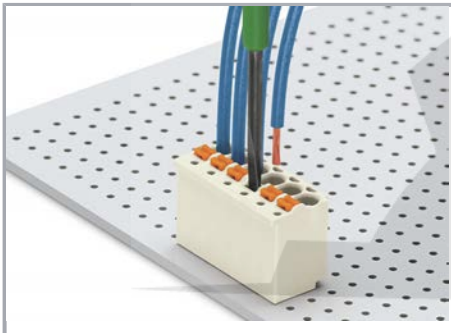
URL

Download

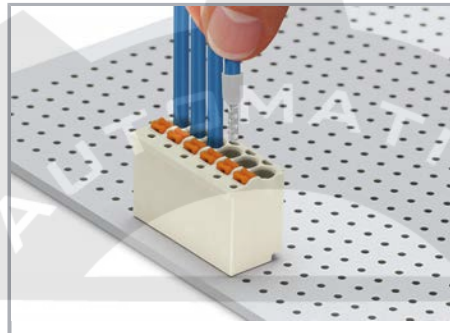
1-conductor female connector; push-button; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 2-pole;  
2,50 mm<sup>2</sup>; light gray

## Installation Notes

### Conductor termination



Terminating fine-stranded conductors and removing all conductor types via push-buttons.



Solid and ferruled conductors are terminated by simply pushing them into unit.

### Marking



Pole marking via direct marking perpendicular to conductor entry.



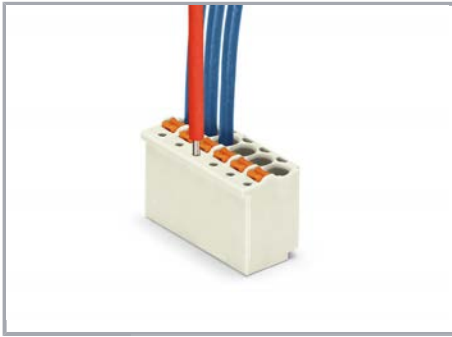
Pole marking via factory direct marking.

### Testing

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Testing via 1 mm Ø test pin – touch contact.

## Product family

*picoMAX<sup>®</sup> eCOM 7.5*

[Show all products from the family](#)

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