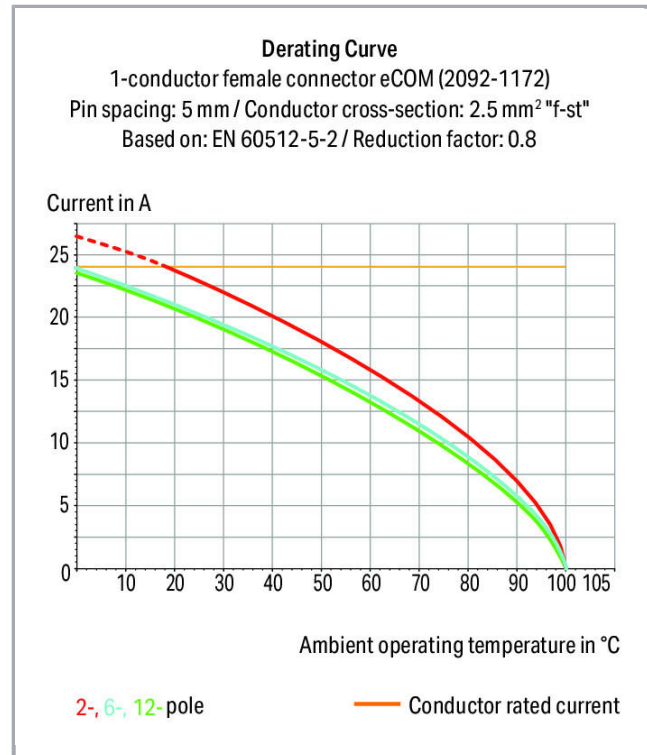
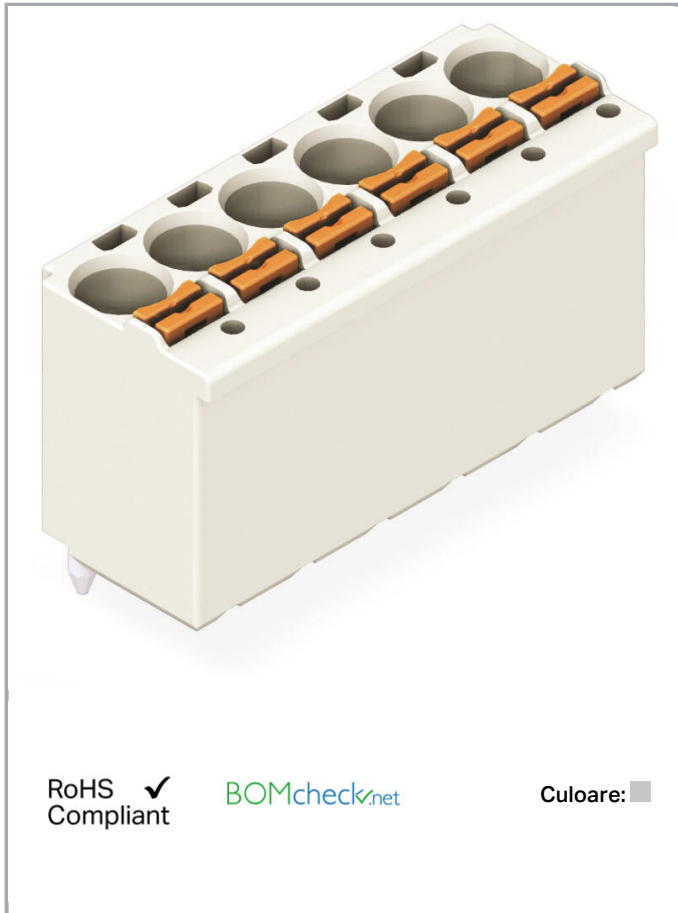


## Fișă tehnică | Număr articol: 2092-1172/200-000

1-conductor THR female header; 1.4 mm Ø solder pin; straight; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

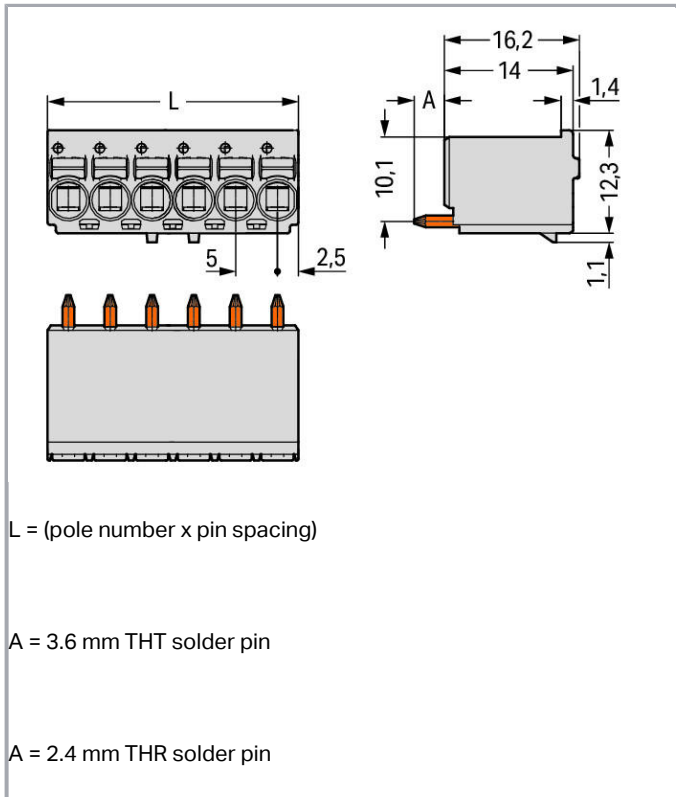
[www.wago.com/2092-1172/200-000](http://www.wago.com/2092-1172/200-000)



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



## Descriere articol

- 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.

## Date

### Electrical data

Supus modificărilor.



### Ratings per IEC/EN 60664-1

| Ratings per                 | IEC/EN 60664-1   |
|-----------------------------|--|
| Nominal voltage (III/3)     | 250 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               | 16 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 |

### Connection data

|   |   |
|---|---|
| Connection technology                             | Push-in CAGE CLAMP <sup>®</sup>             |
| 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             | 90°   |
| Pole No.  | 2   |
| Total number of connection points                 | 2   |
| Total number of potentials                        | 2   |
| Number of connection types                        | 1   |
| Number of levels                                  | 1   |

### Geometrical Data

|             |                   |
|-------------|-------------------|
| Pin spacing | 5 mm / 0.197 inch |
|-------------|-------------------|

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
 /Representative Office Romania  
 Sos. Pipera-Tunari nr. 1/1  
 building 1, 2nd floor | 077190 Voluntari, Ilfov  
 Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



|                                    |                          |
|------------------------------------|--------------------------|
| Width                              | 10 mm / 0.394 inch       |
| Height                             | 16,2 mm / 0.638 inch     |
| Depth                              | 13,4 mm / 0.528 inch     |
| 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 connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type)        | for PCB                 |
| Mismating protection               | No                      |
| Mating direction to the PCB        | 90°                     |

### 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                   | 0,044 MJ                               |
| Weight                      | 2,2 g                                  |

### Environmental Requirements

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

### Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4050821395379 |
| Customs tariff number | 85366990990   |


Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
 /Representative Office Romania  
 Sos. Pipera-Tunari nr. 1/1  
 building 1, 2nd floor | 077190 Voluntari, Ilfov  
 Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com


Aveți întrebări despre produsele noastre?  
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Aprobări / certificate

## Country specific Approvals

| Embleă   | Aprobare                        | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------|------------------------------|-----------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2                        | 2362521         |

## UL-Approvals

| Embleă   | Aprobare                             | Text de aprobare suplimentar | Nume certificat |
|--|--------------------------------------|------------------------------|-----------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 1977                      | 20190909-E45171 |

## Counterpart

## Produse compatibile

## check



Nr. articol: 735-500

Test pin; 1 mm Ø; with solder connection for test wire

[www.wago.com/735-500](http://www.wago.com/735-500)

## tools



Nr. articol: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

[www.wago.com/210-719](http://www.wago.com/210-719)

## Descărcări

## Documentation

## Additional Information

Technical explanations

Apr 3, 2019

pdf  
3,6 MB

Descărcare

## CAD/CAE-Data

## CAD data

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Installation Notes

### Marking



Pole marking via direct printing  
perpendicular to conductor entry.

## Familie de produse

**picoMAX eCOM**

[Afișare globală produse din familie.](#)

Supus modificărilor.