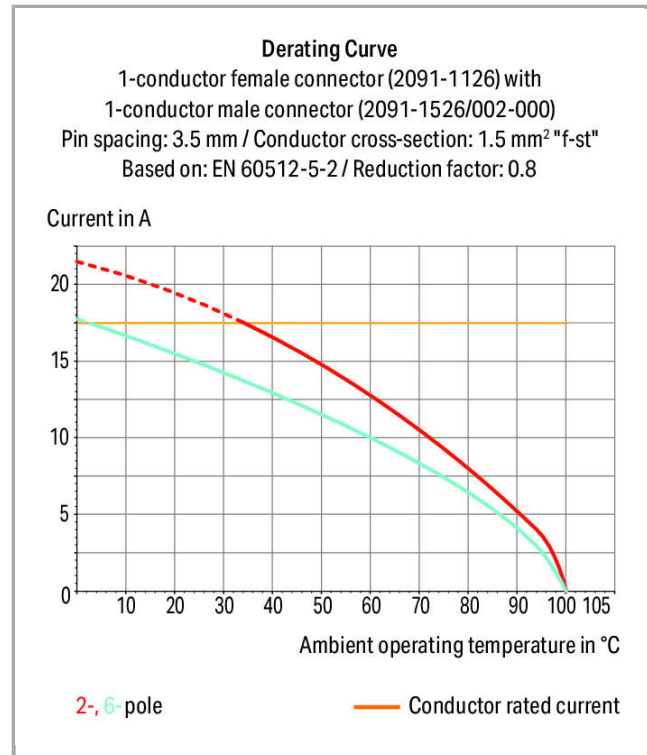
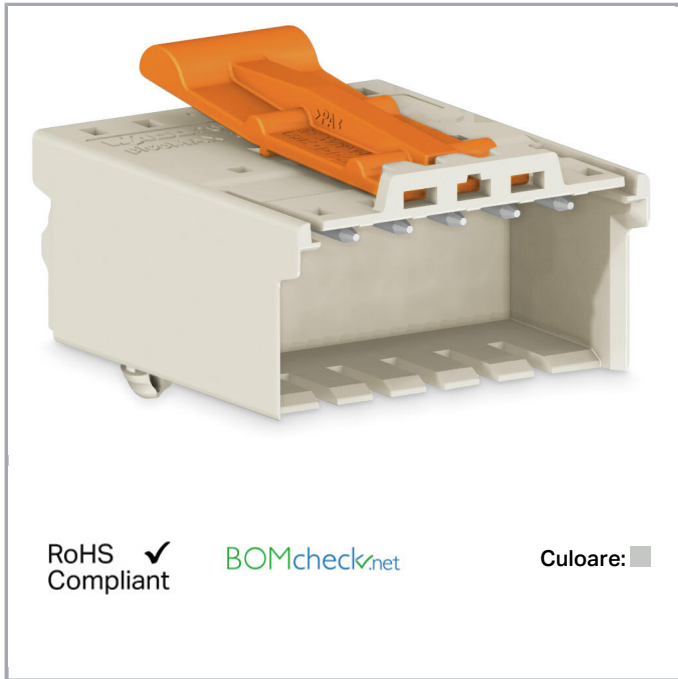


## Fișă tehnică | Număr articol: 2091-1523/020-3000

1-conductor male connector; Snap-in mounting feet; Integrated release lever; direct marking; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 3-pole; 1,50 mm<sup>2</sup>; light gray



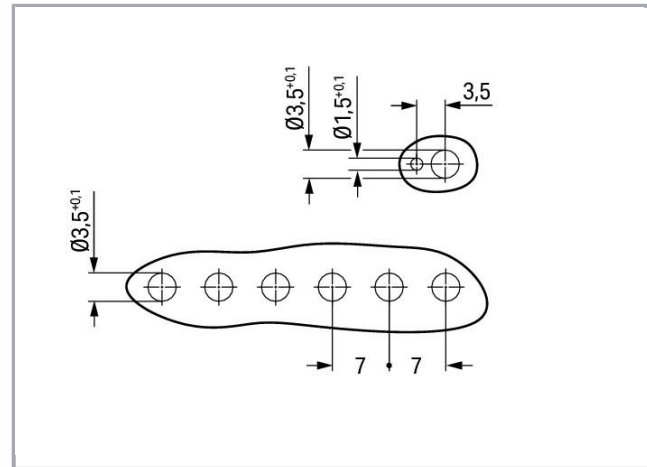
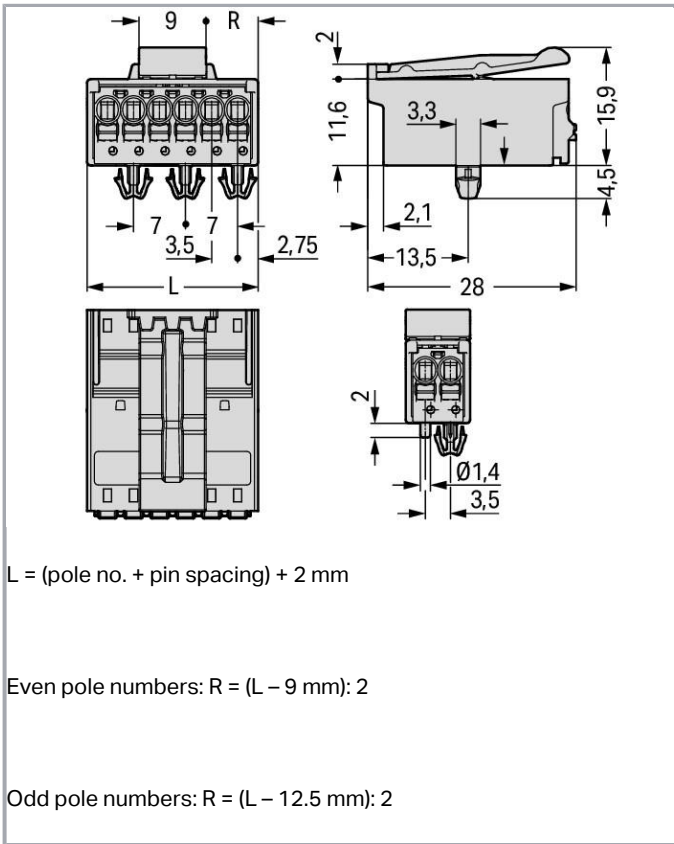
[www.wago.com/2091-1523/020-3000](http://www.wago.com/2091-1523/020-3000)



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 special tools
- Testing parallel to conductor entry – tip contact
- For “wire-to-wire” and “board-to-wire” connections
- Integrated release lever

### Safety information 1:

The **picoMAX® pluggable connection system** 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

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### Ratings per IEC/EN 60664-1

| Ratings per                 | IEC/EN 60664-1  |
|-----------------------------|---|
| Nominal voltage (III/3)     | 160 V   |
| Rated surge voltage (III/3) | 2,5 kV  |
| Rated voltage (III/2)       | 160 V   |
| Rated surge voltage (III/2) | 2,5 kV  |
| Nominal voltage (II/2)      | 320 V   |
| Rated surge voltage (II/2)  | 2,5 kV  |
| Rated current               | 10 A  |
| Legend (ratings)            | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

### Approvals per UL 1059

|                                |         |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 10 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 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG |
| Fine-stranded conductor                           | 0.2 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 0.75 mm <sup>2</sup>               |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 1.5 mm <sup>2</sup>                |
| Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inch             |
| Pole No.  | 3   |
| Total number of connection points                 | 3   |
| Total number of potentials                        | 3   |
| Number of connection types                        | 1   |
| Number of levels                                  | 1   |

### Geometrical Data

|             |                      |
|-------------|----------------------|
| Pin spacing | 3.5 mm / 0.138 inch  |
| Width       | 10.5 mm / 0.413 inch |
| Height      | 20.4 mm / 0.803 inch |

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|                         |                      |
|-------------------------|----------------------|
| Height from the surface | 15.9 mm / 0.626 inch |
| Depth                   | 28 mm / 1.102 inch   |

### Mechanical data

|               |                       |
|---------------|-----------------------|
| Mounting type | Snap-in mounting foot |
|---------------|-----------------------|

### Plug connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type)        | for conductors      |
| Mismating protection               | No                  |
| Locking of plug-in connection      | Male locking latch  |

### 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                             |

### Environmental Requirements


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

### Commercial data

|                |     |
|----------------|-----|
| Packaging type | BOX |
|----------------|-----|


### Aprobări / certificate

#### Country specific Approvals

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

### UL-Approvals

Supus modificărilor.

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

## Counterpart



Nr. articol 2091-1123

1-conductor female plug; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 3-pole; 1,50 mm<sup>2</sup>; light gray[www.wago.com/2091-1123](http://www.wago.com/2091-1123)

## Produse compatibile

### Coding



Nr. articol: 2091-1610

Coding key carrier; suitable for 3.5 mm pin spacing; orange

[www.wago.com/2091-1610](http://www.wago.com/2091-1610)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
3,6 MB

Descărcare

## Installation Notes

## Familie de produse

picoMAX

[Afișare globală produse din familie.](#)

Supus modificărilor.