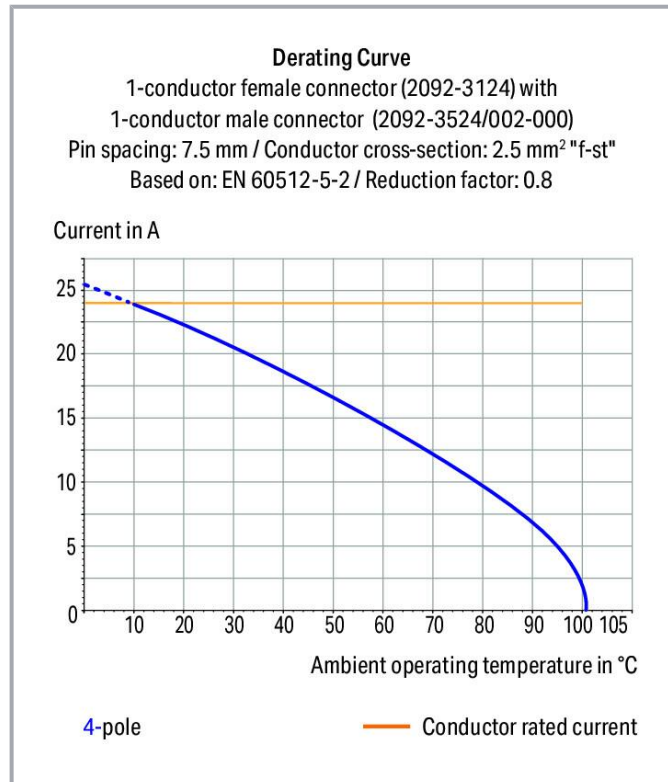


**Data sheet | Item number: 2092-3525/020-000**

1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever; 2,50 mm²; light gray

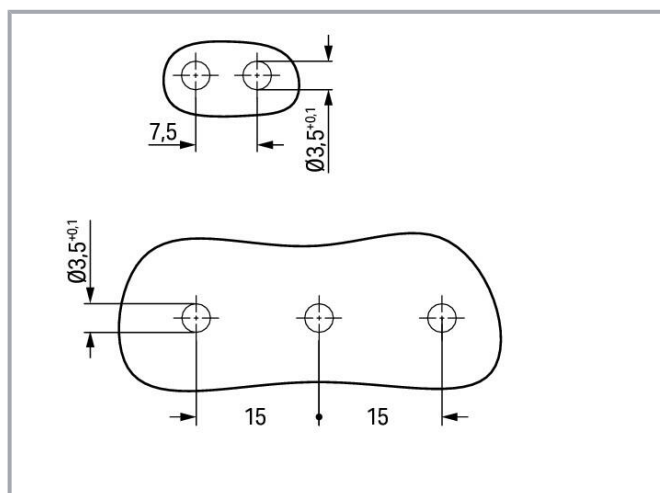
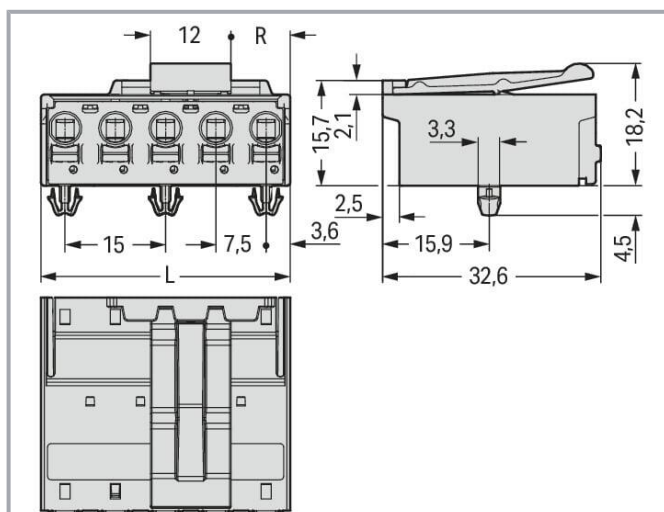
[www.wago.com/2092-3525/020-000](http://www.wago.com/2092-3525/020-000)



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

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Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 7.2 \text{ mm}$

Even pole number  $R = (L - 12 \text{ mm}) : 2$

Odd pole number  $R = (L - 19.5 \text{ mm}) : 2$

## Item description

- 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

## Data

### Notes

Safety information

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.

Variants:

Direct marking  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

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## Ratings per IEC/EN

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Ratings per                   | IEC/EN 60664-1                                                       |
| Nominal voltage (III/3)       | 400 V                                                                |
| Rated impulse voltage (III/3) | 6 kV                                                                 |
| Rated voltage (III/2)         | 630 V                                                                |
| Rated impulse voltage (III/2) | 6 kV                                                                 |
| Nominal voltage (II/2)        | 1000 V                                                               |
| Rated surge voltage (II/2)    | 6 kV                                                                 |
| Rated current                 | 16 A                                                                 |
| Legend (ratings)              | (III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2 |

## Ratings per UL

|                                |         |
|--------------------------------|---------|
| 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 points          | 5 |
| Total number of potentials | 5 |
| Number of connection types | 1 |
| Number of levels           | 1 |

## Connection 1

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection technology                             | Push-in CAGE CLAMP®                         |
| Actuation type                                    | Push-button                                 |
| Actuation direction 1                             | Operation parallel to conductor entry       |
| 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 inches          |
| Pole number                                       | 5                                           |

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



## Physical data

|                         |                        |
|-------------------------|------------------------|
| Pin spacing             | 7.5 mm / 0.295 inches  |
| Width                   | 37.2 mm / 1.465 inches |
| Height                  | 22.7 mm / 0.894 inches |
| Height from the surface | 18.2 mm / 0.717 inches |
| Depth                   | 32.6 mm / 1.283 inches |

## Mechanical Data

|                          |                                         |
|--------------------------|-----------------------------------------|
| Variable coding          | Yes                                     |
| Housing sheet thickness  | 0.6 ... 1.2 mm / 0.024 ... 0.047 inches |
| Mounting type            | Snap-in foot                            |
| Anti-rotation protection | Yes                                     |

## Plug-in connection

|                                      |                     |
|--------------------------------------|---------------------|
| Contact type (pluggable connector)   | Male connector/plug |
| Connector (connection type)          | for conductor       |
| Mismating protection                 | No                  |
| Plugging without loss of pin spacing | Yes                 |
| Locking of plug-in connection        | Locking latch       |

## Material data

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Note (material data)        | Information on material specifications can be found here |
| 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 ( $E_{Cu}$ )                         |
| Contact plating             | Tin                                                      |
| Fire load                   | 0.036 MJ                                                 |
| Weight                      | 12.5 g                                                   |

## Environmental requirements

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

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Processing temperature -35 ... +60 °C

## Commercial data

|                       |                         |
|-----------------------|-------------------------|
| Product Group         | 26 (picoMAX Connectors) |
| eCl@ss 10.0           | 27-14-11-06             |
| eCl@ss 9.0            | 27-14-11-06             |
| ETIM 8.0              | EC001284                |
| ETIM 7.0              | EC001284                |
| PU (SPU)              | 50 pcs                  |
| Packaging type        | box                     |
| Country of origin     | DE                      |
| GTIN                  | 4050821164906           |
| Customs tariff number | 85366930000             |

## Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                                | Additional Approval Text | Certificate name       |
|------------------------------------------------------------------------------------|-----------------------------------------|--------------------------|------------------------|
|  | CSA<br>DEKRA Certification B.V.         | C22.2 No. 158            | 2362521                |
|  | CSA<br>DEKRA Certification B.V.         | C22.2                    | 2362521                |
|  | cURus<br>Underwriters Laboratories Inc. | UL 1059                  | E45172                 |
|  | KEMA/KEUR<br>DEKRA Certification B.V.   | EN 61984                 | 71-<br>102261<br>REV.2 |
|                                                                                    | UL<br>Underwriters Laboratories Inc.    | UL 1977                  | E45171                 |

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



Counterpart



Item no.2092-3125  
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole;  
2,50 mm²; light gray [www.wago.com/2092-3125](http://www.wago.com/2092-3125)

Downloads  
Documentation

Additional Information

|            |               |          |
|------------|---------------|----------|
| 2019 Apr 3 | pdf<br>2.1 MB | Download |
|------------|---------------|----------|

CAD/CAE-Data

CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 2D/3D Models 2092-3525/020-000 | URL | Download |
|--------------------------------|-----|----------|

CAE data

|                                |     |          |
|--------------------------------|-----|----------|
| ZUKEN Portal 2092-3525/020-000 | URL | Download |
|--------------------------------|-----|----------|

Asset Administration Shell

|                                              |     |          |
|----------------------------------------------|-----|----------|
| Asset Administration Shell 2092-3525/020-000 | URL | Download |
|----------------------------------------------|-----|----------|

Environmental Product Compliance

Compliance Search

|                                                                                                                                                                                               |     |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 2092-3525/020-000                                                                                                                                            | URL | Download |
| 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm;<br>5-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever;<br>2,50 mm²; light gray |     |          |

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



## Installation Notes

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