

## Data sheet | Item number: 2092-3524/002-000

1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 4-pole; Integrated release lever; 2,50 mm<sup>2</sup>; light gray

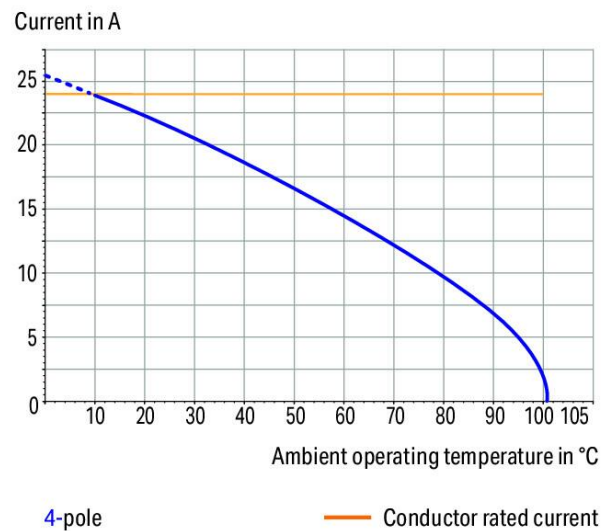
[www.wago.com/2092-3524/002-000](http://www.wago.com/2092-3524/002-000)



 Picture differs from the item.

Color: 

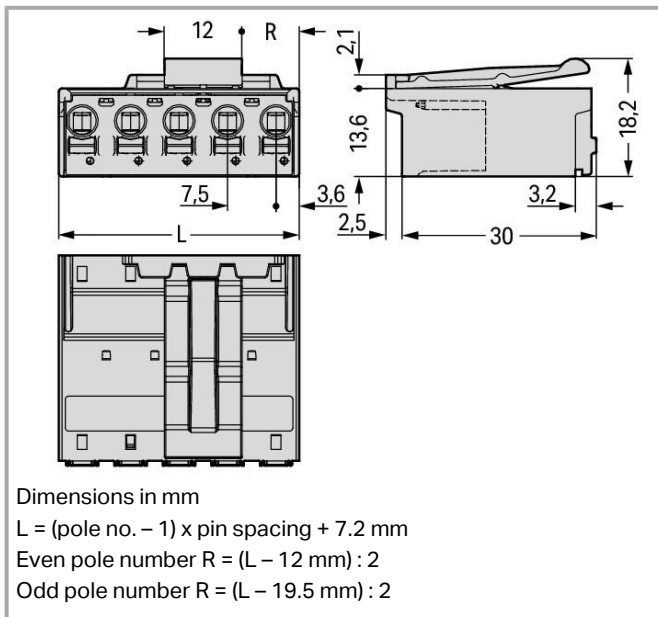
**Derating Curve**  
1-conductor female connector (2092-3124) with  
1-conductor male connector (2092-3524/002-000)  
Pin spacing: 7.5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 0.8



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

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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 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

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



## 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) $\hat{=}$ 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          | 4 |
| Total number of potentials | 4 |
| 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                                       | 4                                           |

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



## Physical data

|             |                        |
|-------------|------------------------|
| Pin spacing | 7.5 mm / 0.295 inches  |
| Width       | 29.7 mm / 1.169 inches |
| Height      | 18.2 mm / 0.717 inches |
| Depth       | 32.6 mm / 1.283 inches |

## Mechanical data

|                          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Anti-rotation protection | Yes |

## Plug-in connection

|                                      |                     |
|--------------------------------------|---------------------|
| Contact type (pluggable connector)   | Male connector/plug |
| Connector (connection type)          | for conductor       |
| Mismatching 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                   | 0.034 MJ                                                 |
| Weight                      | 10.2 g                                                   |

## Environmental requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
| Processing temperature  | -35 ... +60 °C  |

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## 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                |
| ECCN                  | NO DATA                 |
| PU (SPU)              | 50 pcs                  |
| Packaging type        | box                     |
| Country of origin     | DE                      |
| GTIN                  | 4050821164852           |
| 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                 |

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## Counterpart



### Item no.2092-3124

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 4-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-3124](http://www.wago.com/2092-3124)



### Item no.2092-3304

THT female header; straight; Pin spacing 7.5 mm; 4-pole; 0.4 x 1.3 mm solder pin; light gray

[www.wago.com/2092-3304](http://www.wago.com/2092-3304)



### Item no.2092-3324

THT female header; angled; Pin spacing 7.5 mm; 4-pole; 0.4 x 1.3 mm solder pin; light gray

[www.wago.com/2092-3324](http://www.wago.com/2092-3324)

## Downloads

### Documentation

#### Additional Information

|                        |            |        |          |
|------------------------|------------|--------|----------|
| Technical Section      | 2019 年4月3日 | pdf    | Download |
| Technical explanations |            | 2.1 MB |          |

## CAD/CAE-Data

### CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 2D/3D Models 2092-3524/002-000 | URL | Download |
|--------------------------------|-----|----------|

### CAE data

|                                |     |          |
|--------------------------------|-----|----------|
| ZUKEN Portal 2092-3524/002-000 | URL | Download |
|--------------------------------|-----|----------|

### Asset Administration Shell

|                                              |     |          |
|----------------------------------------------|-----|----------|
| Asset Administration Shell 2092-3524/002-000 | URL | Download |
|----------------------------------------------|-----|----------|

## Environmental Product Compliance

### Compliance Search

|                                                    |     |          |
|----------------------------------------------------|-----|----------|
| Environmental Product Compliance 2092-3524/002-000 | URL | Download |
|----------------------------------------------------|-----|----------|

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1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm;  
4-pole; Integrated release lever; 2,50 mm²; light gray

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## Installation Notes

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