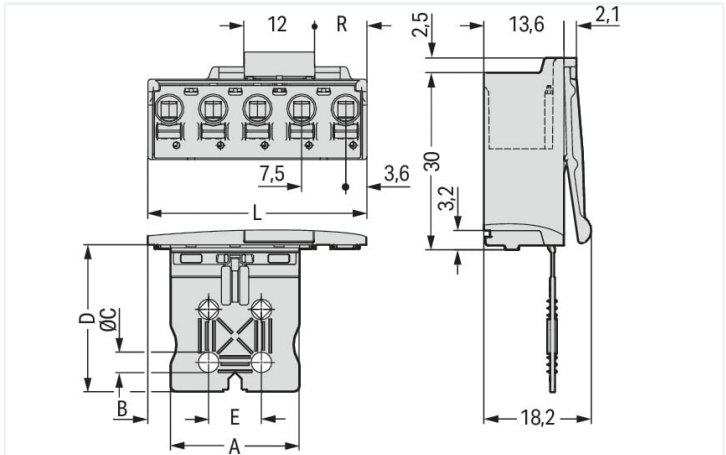


**Data Sheet | Item Number: 2092-3503/002-000**  
1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm;  
3-pole; Gripping plate; 2,50 mm²; light gray  
<https://www.wago.com/2092-3503/002-000>



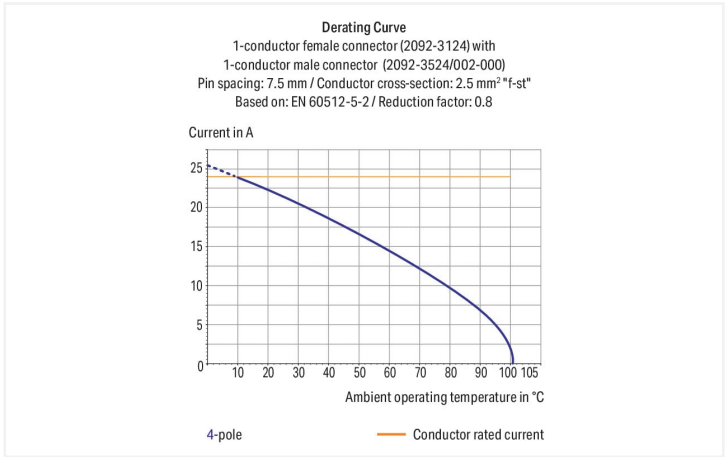
Color: ■ light gray

Similar to illustration



Dimensions in mm

| Gripping plate Dimensions (in mm): |    |      |     |    |   |
|------------------------------------|----|------|-----|----|---|
| Pole No.                           | A  | B    | C   | D  | E |
| 2                                  | 7  | 3.85 | –   | 20 | – |
| 3                                  | 12 | 5.1  | –   | 20 | – |
| 4                                  | 22 | 3.85 | 3.5 | 25 | 9 |
| 5                                  | 22 | 3.85 | 3.5 | 25 | 9 |



- 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

| Notes              |                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety information | The <b>picoMAX® Pluggable Connection System</b> 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<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                                                                    |

| Electrical data      |  |                |       |        |
|----------------------|--|----------------|-------|--------|
| Ratings per          |  | IEC/EN 60664-1 |       |        |
| Overvoltage category |  | III            | III   | II     |
| Pollution degree     |  | 3              | 2     | 2      |
| Nominal voltage      |  | 400 V          | 630 V | 1000 V |
| Rated surge voltage  |  | 6 kV           | 6 kV  | 6 kV   |
| Rated current        |  | 16 A           | 16 A  | 16 A   |
| Approvals per        |  | UL 1059        |       |        |
| Use group            |  | B              | C     | D      |
| Rated voltage        |  | 300 V          | -     | 300 V  |
| Rated current        |  | 15 A           | -     | 10 A   |

|             |                        |
|-------------|------------------------|
| Pin spacing | 7.5 mm / 0.295 inches  |
| Width       | 22.2 mm / 0.874 inches |
| Height      | 18.2 mm / 0.717 inches |
| Depth       | 51.8 mm / 2.039 inches |

|                          |                     |
|--------------------------|---------------------|
| Variable coding          | Yes                 |
| Design                   | with gripping plate |
| Anti-rotation protection | Yes                 |

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

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| 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                                                                                                                    |
| Fire load                   | 0.039 MJ                                                                                                               |
| Weight                      | 8.2 g                                                                                                                  |



| Environmental requirements |                 |
|----------------------------|-----------------|
| Limit temperature range    | -60 ... +100 °C |
| 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)              | 100 pcs                 |
| Packaging type        | Box                     |
| Country of origin     | DE                      |
| GTIN                  | 4050821164807           |
| Customs tariff number | 85366930000             |

| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

### Approvals / Certificates

#### General approvals



| Approval                                | Standard      | 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      | 71-102261 REV.2  |
| UL<br>Underwriters Laboratories Inc.    | UL 1977       | E45171           |

### Downloads

#### Environmental Product Compliance

| Compliance Search                                     |  |
|-------------------------------------------------------|--|
| Environmental Product Compliance<br>2092-3503/002-000 |  |



Documentation

| Additional Information |            |                   |                                                                                   |
|------------------------|------------|-------------------|-----------------------------------------------------------------------------------|
| Technical Section      | 03.04.2019 | pdf<br>2010.85 KB |  |

CAD/CAE-Data

| CAD data                          |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 2D/3D Models<br>2092-3503/002-000 |  |

| CAE data                          |                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------|
| ZUKEN Portal<br>2092-3503/002-000 |  |