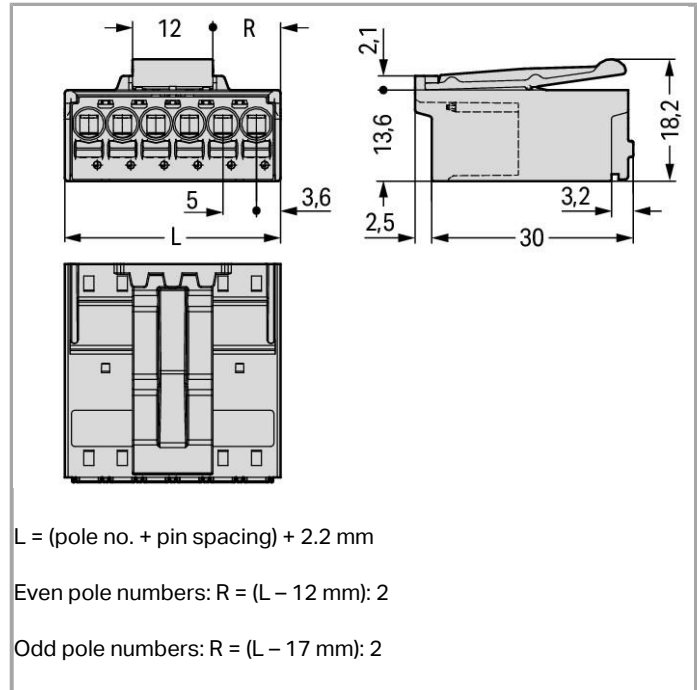


Data sheet | Item number: 2092-1523/002-000

1-conductor male connector; Gripping plate; 2.5 mm²; Pin spacing 5 mm; 3-pole



www.wago.com/2092-1523/002-000



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

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|-------|
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated voltage (III / 2) | 320 V |
| Rated impulse voltage (III / 2) | 4 kV |
| Rated voltage (II / 2) | 630 V |
| Rated impulse voltage (II / 2) | 4 kV |
| Rated current | 16 A |

Legend (ratings)

(III / 2) ≙ Overvoltage category III / Pollution degree 2

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-button |
| Solid conductor | 0.2 ... 2.5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor | 0.2 ... 2.5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 Inch |
| No. of poles | 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 | 5 mm (0.197 inch) |
| Width | 17.2 mm / 0.677 inch |
| Height | 18.2 mm / 0.717 inch |
| Depth | 32.6 mm / 1.283 inch |

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 |
| Insulating material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.153 MJ |
| Weight | 6.6 g |

Environmental Requirements


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

Commercial data



| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4050821164210 |
| Customs Tariff No. | 85366990990 |
| Product Group | 26 (picoMAX) |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|--|------------------|
| | CB DEKRA Certification B.V. | NL-49737 |
|  | KEMA/KEUR DEKRA Certification B.V. | 71-102261 |

UL-Approvals

| Logo | Approval | Certificate name |
|--|--|------------------|
|  | cURus Underwriters Laboratories Inc. | E45172 |
|  | UR Underwriters Laboratories Inc. | E45171 |

Downloads

smartDATA

PCB libraries

| | | | |
|--|----------------------|---------------|----------|
| DesignSpark Library for WAGO picoMAX [®] Compatible with DesignSpark PCB Version 4.x or higher | 2.1 Oct 6, 2014 | ZIP 2.0 MB | Download |
| TARGET Library for WAGO picoMAX [®] Compatible with TARGET PCB Design Software Version 17.x | 1.1.0 Oct 6, 2014 | ZIP 2.4 MB | Download |
| EAGLE Library for WAGO picoMAX [®] | 2.1 | ZIP | Download |



Nov 17, 2017

1.9 MB

CAD data

3D Download 2092-1523/002-000

URL

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Product family

picoMAX

[Learn more about the product family.](#)

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Subject to changes.

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