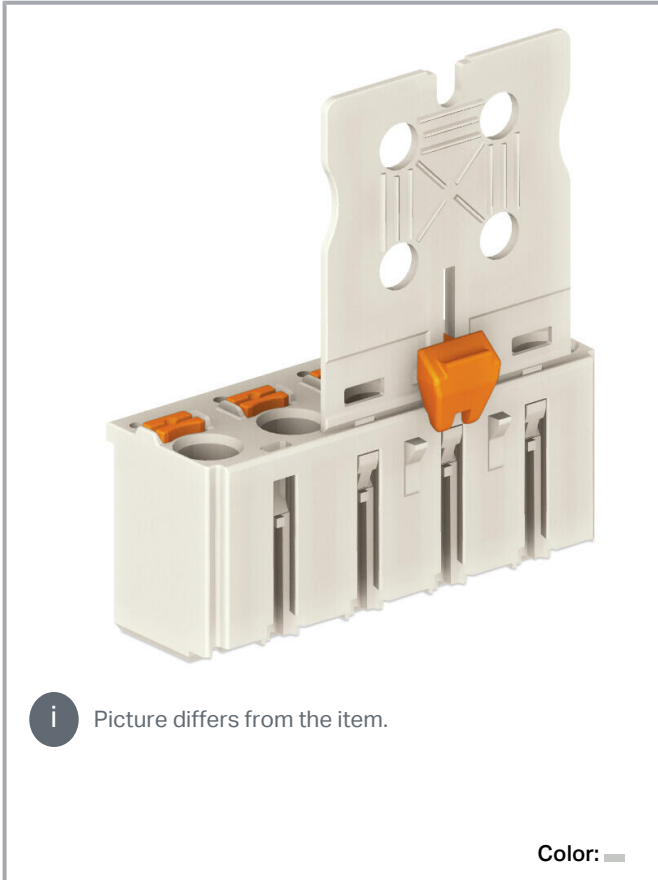


Data sheet | Item number: 2092-3105/002-1000

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray



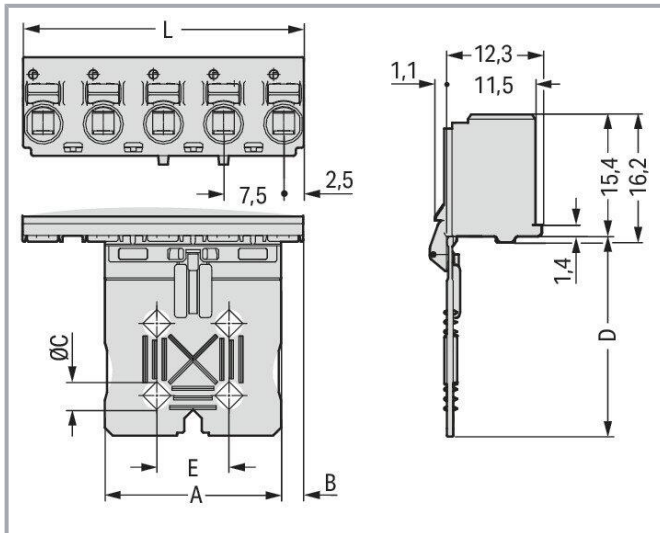
www.wago.com/2092-3105/002-1000



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

WAGO GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

- Universal connection of all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Testing parallel to conductor entry – tip contact
- Also available with gripping plates
- Integrated locking latches prevent accidental disconnection

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!

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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) | 4 kV |
| Nominal voltage (II/2) | 1000 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) \triangleq Overvoltage category III / Pollution degree 2 |

Ratings per UL 1059

| | |
|--------------------------------|---------|
| 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 ² / 24 ... 12 AWG |
| Fine-stranded conductor | 0.2 ... 2.5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm ² |
| 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 | 35 mm / 1.378 inches |
| Height | 39 mm / 1.535 inches |
| Depth | 14.4 mm / 0.567 inches |

Mechanical Data

| | |
|--------------------------|---|
| Variable coding | Yes |
| Design | With gripping plate and sliding connector release |
| Anti-rotation protection | Yes |

Plug-in connection

| | |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for conductor |
| Mismating protection | No |
| Plugging without loss of pin spacing | Yes |
| Locking of plug-in connection | none |

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 | 0.031 MJ |
| Weight | 6.7 g |

Environmental requirements

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

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

Commercial data





| | |
|-----------------------|---------------|
| 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 | 4050821488439 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------------|
| | CB DEKRA Certification B.V. | IEC 61984 | NL-49737 /A1 |
|  | CSA DEKRA Certification B.V. | C22.2 | 2362521 |
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71- 102261 REV.2 |
|  | UL Underwriters Laboratories Inc. | UL 1977 | E45171 |

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

Counterpart



Item no.2092-3425
THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 5-pole; light gray

www.wago.com/2092-3425



Item no.2092-3405
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 5-pole; light gray

www.wago.com/2092-3405

Optional accessories

Tool

Operating tool



Item no.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Testing and measuring

Testing accessories



Item no.: 735-500
WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm² www.wago.com/735-500

Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|--------|----------|
| Technical Section | 2019 Apr 3 | pdf | Download |
| Technical explanations | | 2.0 MB | |

Environmental Product Compliance

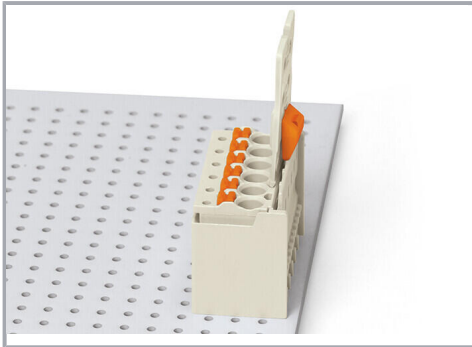
Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 2092-3105/002-1000 | URL | Download |
| 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 7.5 mm; 5-pole; Gripping plate sliding connector release; direct marking; 2,50 mm ² ; light gray | | |

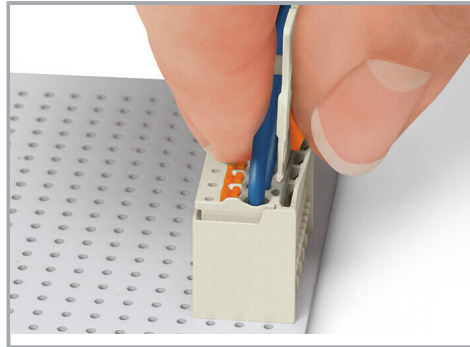
Subject to changes. Please also observe the further product documentation!

Installation Notes

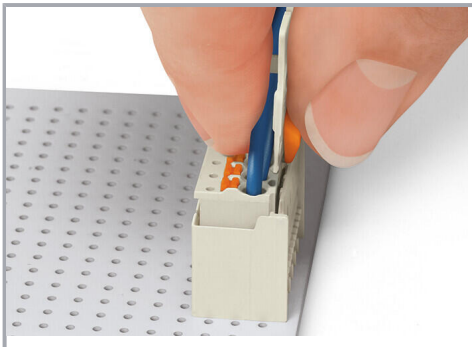
Locking system



Male header mated to a female connector with gripping plate and sliding connector release.

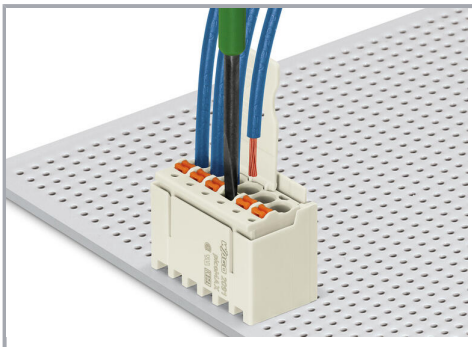


Push down sliding connector release (gripping plate) to open the locking latch.

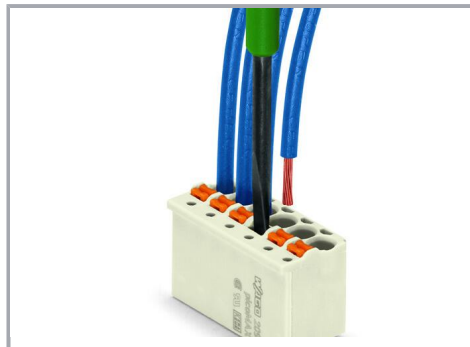


Pull out female connector from male header.

Conductor termination

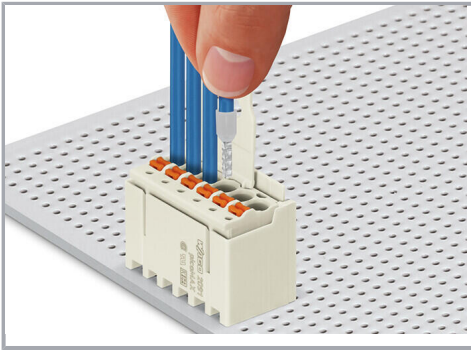


Inserting fine-stranded conductor into mated female connector via push-button.



Inserting a fine-stranded conductor into an unmated female connector via push-button.

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



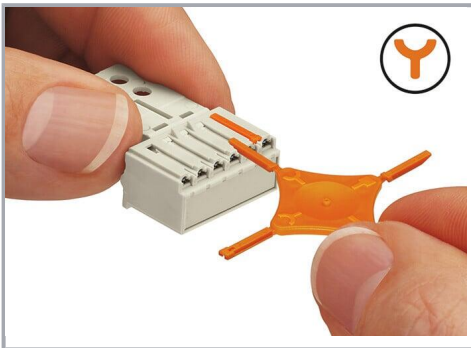
Inserting solid and ferruled conductors via push-in termination.

Marking



Pole marking via factory direct marking.

Coding



Coding a female connector (via coding key carrier and two keys for female connector, see symbol).

Testing

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



Testing via 1 mm Ø test pin – touch contact.

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