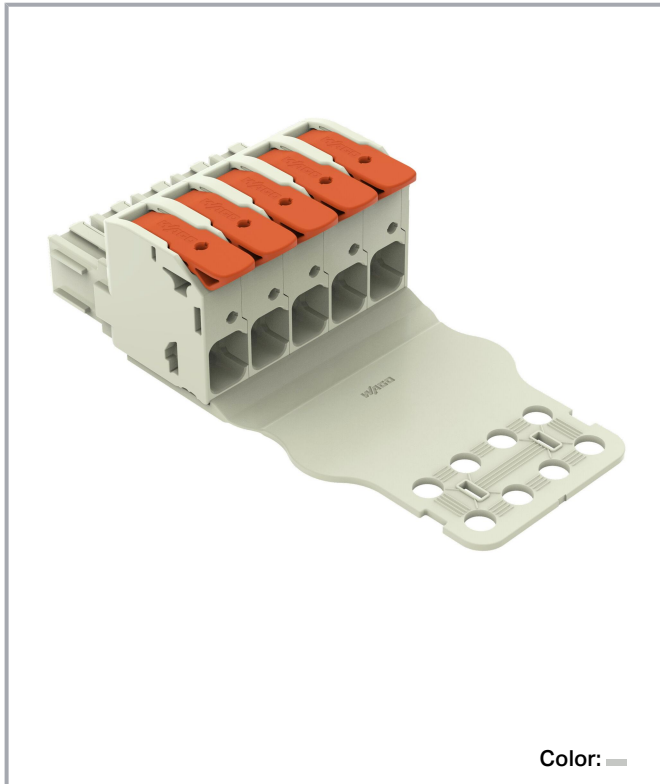


Data sheet | Item number: 832-1105/335-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 5-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray



www.wago.com/832-1105/335-000



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

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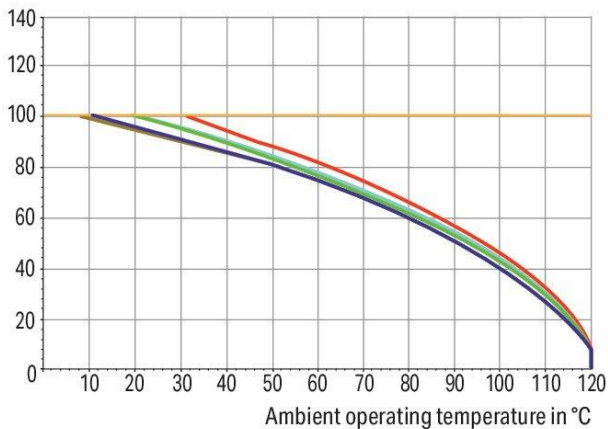


Derating Curve

1-conductor female connector (832-1102) with
THT male header (832-3622)

Pin spacing: 10.16 mm / Conductor cross-section: 25 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



2-, 3-, 4-, 5-, 6- pole

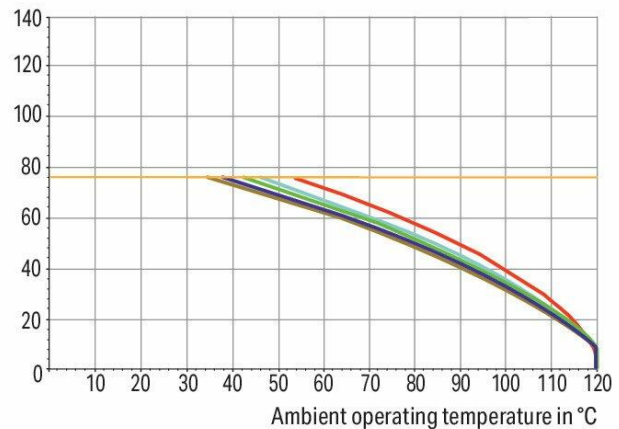
Conductor rated current

Derating Curve

1-conductor female connector (832-1102) with
THT male header (832-3622)

Pin spacing: 10.16 mm / Conductor cross-section: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



2-, 3-, 4-, 5-, 6- pole

Conductor rated current

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

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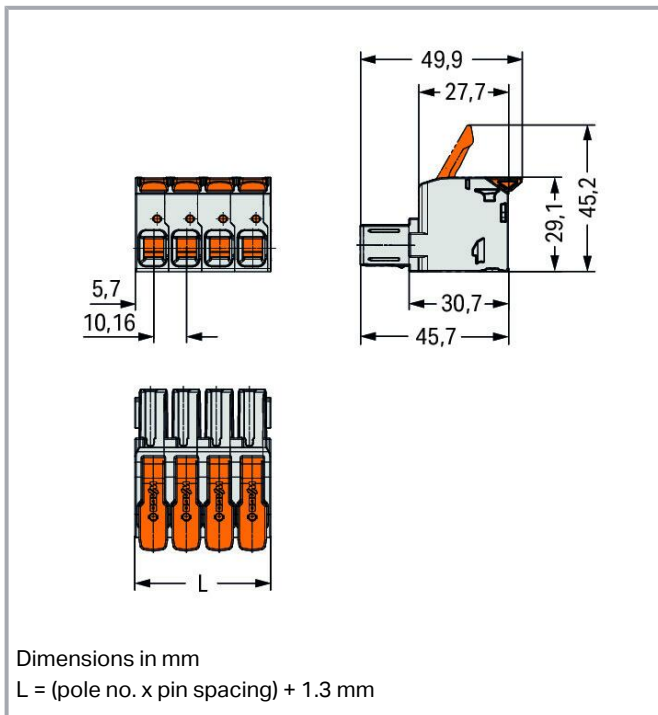
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Item description

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismatching
- Coding option available

Data

Notes

Safety information

The *MCS – MULTI 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. 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:

Other pole numbers

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

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

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Electrical data

Ratings per IEC/EN

| Ratings per | IEC/EN 60664-1 |
|-------------------------------|---|
| Nominal voltage (III/3) | 1000 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated voltage (III/2) | 1000 V |
| Rated impulse voltage (III/2) | 8 kV |
| Nominal voltage (II/2) | 1000 V |
| Rated surge voltage (II/2) | 8 kV |
| Rated current | 76 A |
| Legend (ratings) | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

Ratings per UL 1059

| Approvals per | UL 1059 |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 66 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 66 A |

Ratings per UL 1977

| | |
|-------------------------|-------|
| Rated voltage (UL 1977) | 600 V |
| Rated current UL 1977 | 85 A |

Ratings per CSA

| Approvals per | CSA |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 66 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 66 A |

Connection data

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

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



Connection 1

| | |
|---|--|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 0.75 ... 16 mm ² / 18 ... 4 AWG |
| Fine-stranded conductor | 0.75 ... 25 mm ² / 18 ... 4 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.75 ... 16 mm ² |
| Fine-stranded conductor; with uninsulated ferrule | 0.75 ... 16 mm ² |
| Strip length | 18 ... 20 mm / 0.71 ... 0.79 inches |
| Pole number | 5 |
| Conductor entry direction to mating direction | 0° |

Physical data

| | |
|-------------|-------------------------|
| Pin spacing | 10.16 mm / 0.4 inches |
| Width | 52.1 mm / 2.051 inches |
| Height | 29.1 mm / 1.146 inches |
| Depth | 110.8 mm / 4.362 inches |

Mechanical Data

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

Plug-in connection

| | |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for conductor |
| Mismating protection | Yes |
| Plugging without loss of pin spacing | No |
| 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 | Polybutylene terephthalate (PBT) |
| Flammability class per UL94 | V0 |

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

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| | |
|--|--|
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Material of the additional spring for socket contact | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | Silver |
| Fire load | 1.474 MJ |
| Actuator color | orange |
| Weight of insulation material | 26.42 g |
| Weight | 75 g |

Environmental requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +120 °C |
| Processing temperature | -35 ... +60 °C |

Commercial data


| | |
|-----------------------|---------------|
| ETIM 8.0 | EC001284 |
| ETIM 7.0 | EC001284 |
| PU (SPU) | 10 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4055143936859 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UL Underwriters Laboratories Inc. | C22.2 No. 158 | E45172 |

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

Counterpart


Item no. 832-1205

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 5-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1205


Item no. 832-3605

THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 5-pole; light gray

www.wago.com/832-3605


Item no. 832-3625

THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 5-pole; light gray

www.wago.com/832-3625


Item no. 832-3645

THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 5-pole; light gray

www.wago.com/832-3645


Item no. 832-1205/335-000

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 5-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1205/335-000

Optional accessories

Coding

Coding


Item no.: 832-500

Coding key carrier; orange

www.wago.com/832-500

Ferrule

Ferrule


Item no.: 216-210

Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

www.wago.com/216-210


Item no.: 216-284

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

www.wago.com/216-284


Item no.: 216-286

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

www.wago.com/216-286


Item no.: 216-287

Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped;

www.wago.com/216-287

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

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acc. to DIN 46228, Part 4/09.90; gray



Item no.: 216-288

Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-288
acc. to DIN 46228, Part 4/09.90; yellow



Item no.: 216-289

Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-289
acc. to DIN 46228, Part 4/09.90; red

Downloads

Documentation

Additional Information

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

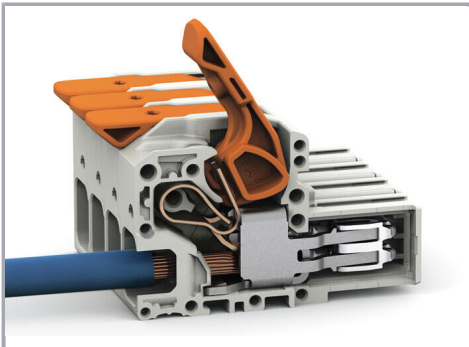
Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 832-1105/335-000 | URL | Download |
| 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm ² ; Pin spacing 10.16 mm; 5-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm ² ; light gray | | |

Installation Notes

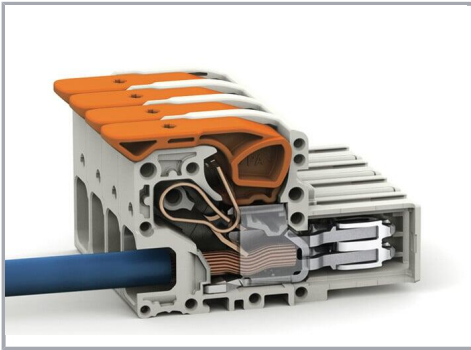
Conductor termination



Insert fine-stranded conductors – and remove all conductors – via operating tool.

Conductor termination

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



Fine-stranded wires, connected

Product family

MCS MAXI 16

[Show all products from the family](#)

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