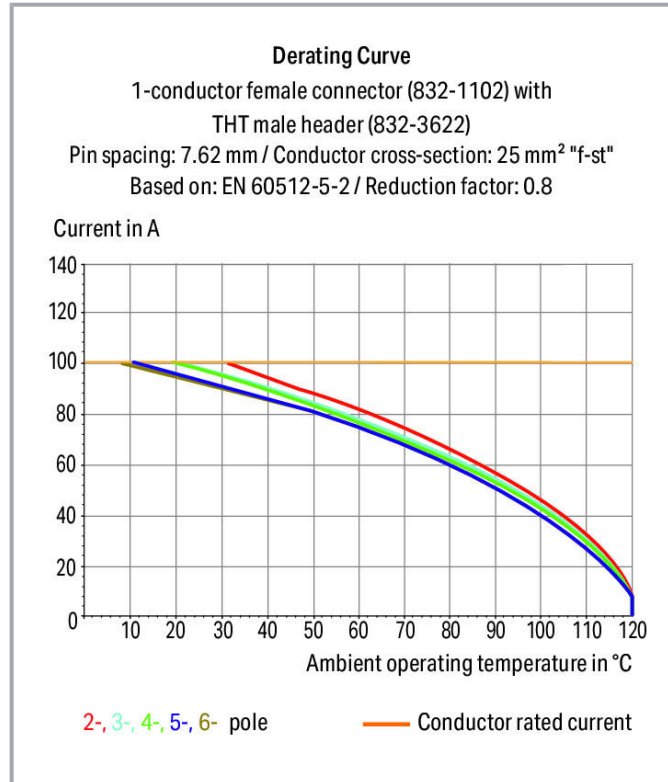
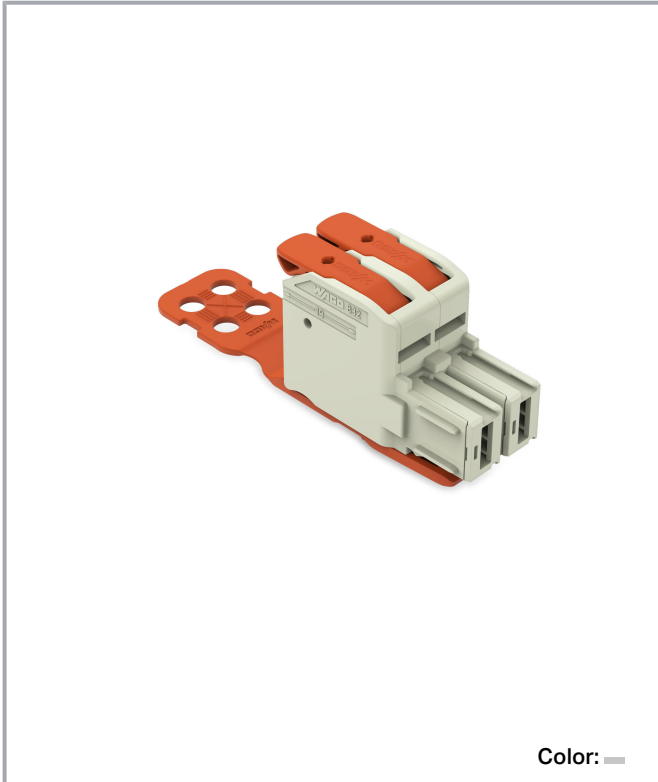


Data sheet | Item number: 832-1102/342-000

1-conductor female connector; 100% protected against mismatching; lever;
Silver-plated contacts; center locking; Strain relief plate; 16 mm²; Pin
spacing 10.16 mm; 2-pole; 16,00 mm²; light gray



www.wago.com/832-1102_342-000



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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

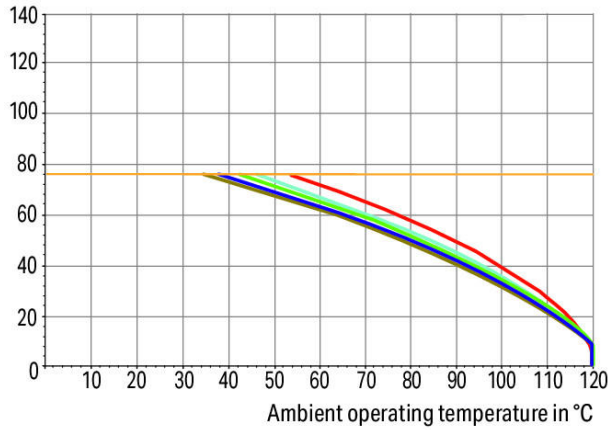
Derating Curve

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

Pin spacing: 7.62 mm / Conductor cross-section: 16 mm² "f-st"

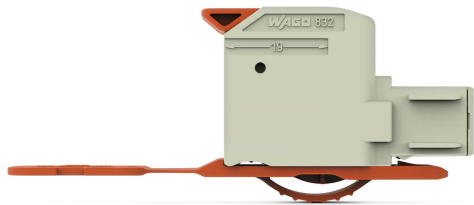
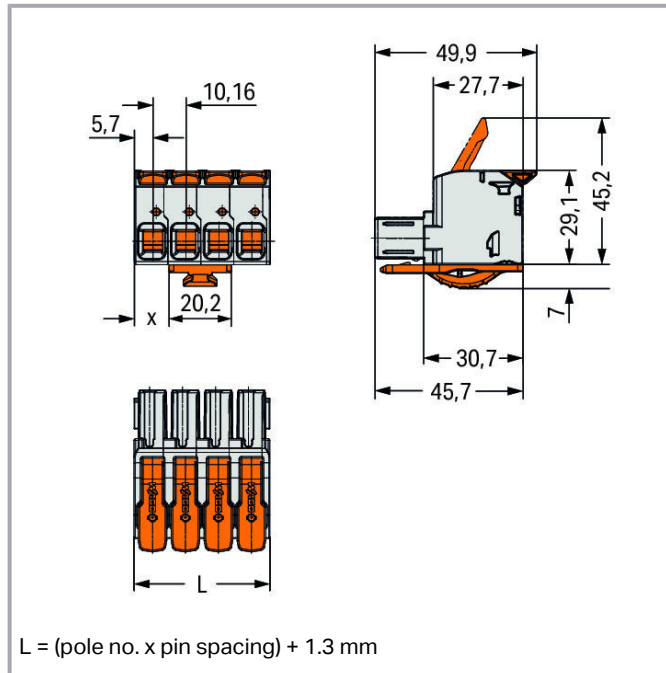
Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



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

— Conductor rated current



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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



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

Safety information 1:

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. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Data

Electrical data

IEC Approvals

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|---|
| Rated voltage (III / 3) | 1000 V |
| Rated surge voltage (III/3) | 8 kV |
| Rated voltage (III/2) | 1000 V |
| Rated surge 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) ≙ Overvoltage category III / Pollution degree 2 |

UL Approvals

| 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 |

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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



Ratings per UL

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

CSA Approvals

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

| | |
|---|--|
| 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 inch |
| Pole No. | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

Physical data

| | |
|-------------|-----------------------|
| Pin spacing | 10.16 mm / 0.4 inch |
| Width | 21.62 mm / 0.851 inch |
| Height | 36.1 mm / 1.42 inch |
| Depth | 89.8 mm / 3.535 inch |

Plug-in connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for conductor |
| Mismating protection | Yes |
| Locking of plug-in connection | Center locking lever |

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



Strain relief

Strain relief plate

Material data

| | |
|--|--|
| Color | light gray |
| Material group | I |
| Insulation material | Polybutylene terephthalate (PBT) |
| Flammability class per UL94 | V0 |
| 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-plated |
| Color of actuator | orange |
| Weight | 30.8 g |

Environmental requirements


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

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055143969253 |
| Customs tariff number | 8536694040 |





Approvals / Certificates

UL-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.832-3602 THT male header; 1.2 x 1.2 mm solder pin; straight (90° to PCB); Pin spacing 10.16 mm; 2-pole | www.wago.com/832-3602 |
|  | Item no.832-1202 Male connector; Push-in CAGE CLAMP with operating lever; AWG 18 - 4; Pin spacing 10.16 mm; 2-pole | www.wago.com/832-1202 |
|  | Item no.832-3622 THT male header; 1.2 x 1.2 mm solder pin; angled (0° to PCB); Pin spacing 10.16 mm; 2-pole | www.wago.com/832-3622 |
|  | Item no.832-3642 THT male header; 1.2 x 1.2 mm solder pin; reversed angled (180° to PCB); Pin spacing 10.16 mm; 2-pole | www.wago.com/832-3642 |

Optional accessories

Coding

| | | |
|---|--|--|
| ★ | Item no.: 832-500 Coding key carrier; orange | www.wago.com/832-500 |
|---|--|--|

Ferrules

| | | |
|--|--|--|
|  | Item no.: 216-210 Ferrule; Sleeve for 16 mm ² / 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 mm ² / 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 mm ² / 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 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-287 |
|  | Item no.: 216-288 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow | www.wago.com/216-288 |
|  | Item no.: 216-289 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-289 |

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



Downloads

Documentation

Additional Information

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

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 832-1102/342-000 | URL | Download |
| 1-conductor female connector; 100% protected against mismatching; lever; Silver-plated contacts; center locking; Strain relief plate; 16 mm ² ; Pin spacing 10.16 mm; 2-pole; 16,00 mm ² ; light gray | | |

Installation Notes

Product family

<i>MCS</i> MAXI 16

[Show all products from the family](#)

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.