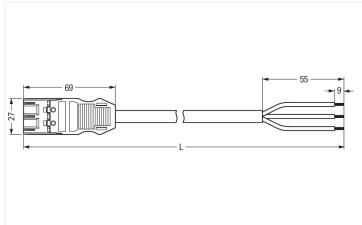
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pre-assembled connecting cable; B2ca; Plug/open-ended; 3-pole; Cod. B; 4 m; 1,00 mm²



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Dimensions in mm

Cable assembly WINSTA® MIDI B coding

The WINSTA® MIDI cable assembly rated current 10 A supports fast, reliable installation. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Pluggable installation connectors with B coding from the WINSTA® MIDI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible, too. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Thanks to the included test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and expense. Compliance with fire protection regulations is an essential issue for building installation. Especially in sensitive areas, the fire class must meet or even exceed extensive requirements. This product complies with the requirements of fire class B2. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with protection type IP20 from WAGO.

- · effective protection against mismating
- · for automation controllers
- with B coding for use in process automation, such as lighting technology
- ready to install and use immediately
- · convenient installation and commissioning

| Notes | |
|-----------|--|
| Note | Cables with a different fire class can be found in the eShop. |
| Variants: | Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |



| Electrical data | | | | |
|----------------------|-------|------------|----|--|
| Ratings per | IEC | C/EN 60664 | -1 | |
| Overvoltage category | III | III | II | |
| Pollution degree | 3 | 2 | 2 | |
| Nominal voltage | 250 V | - | - | |
| Rated surge voltage | 4 kV | - | - | |
| Rated current | 10 A | - | - | |

| General information | |
|----------------------------|---|
| Note on contact resistance | approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/ |

| Ratings per UL 1977 | |
|------------------------|--|
| Note for the US market | Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office. |

| Connection data | | | |
|---|---------------------------------|--------------------|-----------------|
| Total number of potentials | 3 | Connection 1 | |
| Conductor preparation ultrasonically tip-bonded | Strip length | 9 mm / 0.35 inches | |
| | Pole number | 3 | |
| | Sheathed cable diameter | 6.3 8 mm | |
| | Wire cross-section | 1 mm² | |
| | Strip length (outer insulation) | 55 mm | |
| | | Connection type | Plug - free end |

| Physical data | | |
|---------------|----------------------|--|
| Pin spacing | 10 mm / 0.394 inches | |
| Width | 27 mm / 1.063 inches | |
| Total length | 4 m | |

| Mechanical data | |
|---|---|
| Application | Control technology |
| Coding | В |
| Variable coding | Yes |
| Marking | 123 |
| Potential marking | 123 |
| Mating force of a plug-in connection | approx. 20 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load |
| Connection type | Plug - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | H05Z1Z1-F 3x1 |
| Protection type | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |
| | odolij doodoolbio diodolj |

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| Plug-in connection | |
|-------------------------------|--|
| Mismating protection | Yes |
| Note on mismating protection | All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole |
| Locking lever | Can be retrofitted |
| Locking of plug-in connection | Locking lever |
| Note on locking system | All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket). |

| Material data | |
|----------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | VO |
| Fire class per EN 50575 | B2 _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact plating | Tin |
| Fire load | 0.33 MJ |
| Connector color | pink |
| Strain relief color | black |
| Printing color of strain relief | white |
| Sheathed cable color | gray |
| Printing color of sheathed cable | black |
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 294.5 g |
| Copper weight of the pipe | 0.029 kg/m |

| Environmental requirements | |
|--|--|
| Processing temperature | -5 +40 °C |
| Continuous operating temperature | -35 +85 °C |
| Note on continuous operating temperature | Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C |

| Commercial data | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 8.0 | EC002587 |
| ETIM 7.0 | EC002587 |
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143798341 |
| Customs tariff number | 85444290900 |

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 771-9293/215-407



CAD/CAE-Data

CAE data

EPLAN Data Portal 771-9293/215-407



1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for manual



operation; white











Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover





Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 770-310

Mounting carrier; 2- to 5-pole; for flying leads; black

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1.2.3 Marking

1.2.3.1 Marker









Item No.: 770-450/000-006 Marker card; Plastic; blue

Item No.: 770-450/000-001 Marker card; Plastic; green

<u>Item No.: 770-450/000-012</u> Marker card; Plastic; orange Item No.: 770-450/000-005 Marker card; Plastic; red



Item No.: 770-450

Marker card; Plastic; white

Item No.: 770-450/000-002 Marker card; Plastic; yellow

1.2.3.2 Marking strip



Item No.: 210-334

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white

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

Current addresses can be found at:: www.wago.com

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