

Data Sheet | Item Number: 771-9993/005-107

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm²; pink

<https://www.wago.com/771-9993/005-107>



Color: ■ pink



Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismatching

The WINSTA® MIDI cable assembly B coding allows installation of fine-stranded and solid conductors. Our pluggable installation connectors with spring pressure connection technology work without screw connections. They allow flexible, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, maintenance-free 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 in addition. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy, secure, tailored electrical installation. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with protection type IP20 from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- pre-assembled versions
- with B coding for use in automation of processes, such as lighting technology
- custom-engineered solutions
- fast, secure installation

Notes

Note

Variants:

Cables with a different fire class can be found in the eShop.

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/EN 60664-1 | | |
|---------------------------------|----------------|-----|----|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 250 V | - | - |
| Rated impulse withstand voltage | 4 kV | - | - |
| Rated current | 10 A | - | - |

General information

| | |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket |
|----------------------------|--|

Connection Data

| | |
|----------------------------|---|
| Total number of potentials | 3 |
|----------------------------|---|

Connection 1

| | |
|--------------------|-------------------|
| Pole number | 3 |
| Wire cross-section | 1 mm ² |
| Connection type | Socket - Plug |

Physical data

| | |
|--------------|----------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 27 mm / 1.063 inches |
| Total length | 1 m |

Mechanical data

| | |
|---|---|
| Use | Control technology |
| Coding | B |
| Variable coding | Yes |
| Marking | 1 2 3 |
| Potential marking | 1 2 3 |
| 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 | Socket - Plug |
| Type of pre-assembled cable | Interconnecting cable |
| Cable type | H05VV-F 3x1 |
| Protection type | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

Plug-in connection

| | |
|-------------------------------|--|
| Mismating protection | Yes |
| Note on mismating protection | All <i>WINSTA</i> ® 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 |
| Color | pink |
| Insulation material (main housing) | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 0.622 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 | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 93.7 g |
| Copper weight of the raw cable | 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

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143472913 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 9.0 | EC002587 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

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

Downloads

Environmental Product Compliance

| Compliance Search | | | |
|----------------------------------|--|--|---|
| Environmental Product Compliance | | | ↓ |
| 771-9993/005-107 | | | |

Documentation

| Bid Text | | | |
|------------------|------------|-----------------|---|
| 771-9993/005-107 | 19.02.2019 | xml 2.92 KB | ↓ |
| 771-9993/005-107 | 02.06.2015 | doc 24.00 KB | ↓ |

CAD/CAE-Data

| CAE data | |
|-------------------|---|
| EPLAN Data Portal | ↓ |
| 771-9993/005-107 | |

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

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|--|--|--|--|
| | | | |
| Item No.: 770-101 Locking lever; for flying leads; for manual operation; black | Item No.: 770-121 Locking lever; for flying leads; for manual operation; white | Item No.: 770-111 Locking lever; for flying leads; for tool operation; black | Item No.: 770-131 Locking lever; for flying leads; for tool operation; white |

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover

| | | | |
|--|--|---|---|
| | | | |
| Item No.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black | Item No.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white | 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

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



Item No.: 770-450/000-012

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