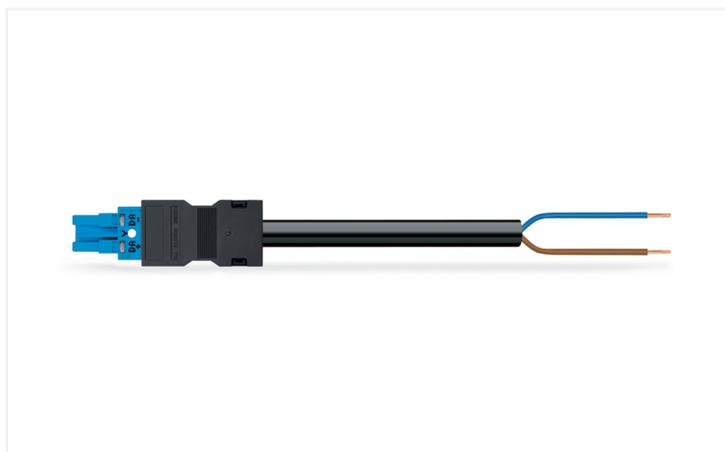


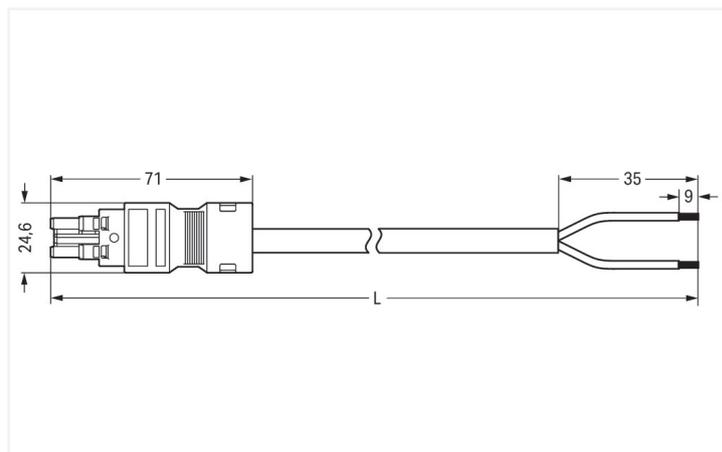
Data Sheet | Item Number: 771-8982/115-201

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;
H05Z1Z1-F 2x1,0 mm²; 2 m; 1,00 mm²; blue

<https://www.wago.com/771-8982/115-201>



Color: ■ blue



Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismatching

The WINSTA® MIDI cable assembly rated current 10 A is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. 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 mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with live contact elements. WINSTA® MIDI pluggable installation connectors with I coding in blue are especially suitable for easy lighting installation, for example for the dimming of DALI lights. Our WINSTA® MIDI product line guarantees flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it achieves time-saving, error-free installation and offers flexibility for meeting various installation requirements. According to the European CPR, the fire class of the cables used for construction is decisive for building safety as well. For houses with average safety requirements, cable assemblies with fire class E are suitable. In the manufacturing of this cable assembly, halogens were deliberately omitted. This is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a free end are provided. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with strain relief hosting from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismatching eliminates errors
- for automation controllers
- with I coding for use in the automation of buildings (lighting control)
- custom-engineered solutions
- convenient installation and commissioning

Notes

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

Electrical data

| Ratings per | IEC/EN 60664-1 | | | General information | |
|---------------------------------|----------------|-----|----|----------------------------|--|
| Overvoltage category | III | III | II | Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket |
| Pollution degree | 3 | 2 | 2 | | |
| Nominal voltage | 250 V | - | - | | |
| Rated impulse withstand voltage | 4 kV | - | - | | |
| Rated current | 10 A | - | - | | |

Connection Data

| | | | |
|----------------------------|---------------------------|---------------------------------|--------------------|
| Total number of potentials | 2 | Connection 1 | |
| Conductor preparation | ultrasonically tip-bonded | Strip length | 9 mm / 0.35 inches |
| | | Pole number | 2 |
| | | Wire cross-section | 1 mm ² |
| | | Strip length (outer insulation) | 35 mm |
| | | Connection type | Socket - free end |

Physical data

| | |
|--------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 24.6 mm / 0.969 inches |
| Height | 15.9 mm / 0.626 inches |
| Total length | 2 m |

Mechanical data

| | |
|---|---|
| Use | DALI, Lighting Management |
| Coding | I |
| Variable coding | No |
| Marking | DA+ DA- |
| Potential marking | DA+ DA- |
| 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 - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | H05Z1Z1-F 2x1 |
| 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 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 |
| Color | blue |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 59.656 MJ |
| Connector color | blue |
| Strain relief color | black |
| Sheathed cable color | black |
| Printing color of sheathed cable | white |
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 126 g |
| Copper weight of the raw cable | 0.0192 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

| | |
|-----------------------|---------------|
| Product Group | 20 (Winsta) |
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143230469 |
| 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 771-8982/115-201 | |
|--|--|

Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|--|
| 771-8982/115-201 | 19.02.2019 | xml 3.05 KB | |
| 771-8982/115-201 | 03.12.2014 | doc 24.50 KB | |

CAD/CAE-Data

CAE data

| | |
|------------------------------------|--|
| WSCAD Universe 771-8982/115-201 | |
|------------------------------------|--|

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

| | | | |
|---|---|---|---|
| | | | |
| 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.: 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 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