

Data Sheet | Item Number: 771-8982/006-703

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. L; H05VV-F 2 x 1.5 mm²; 7 m; 1,50 mm²; dark gray

<https://www.wago.com/771-8982/006-703>



Color: ■ dark gray



Dimensions in mm

Cable assembly WINSTA® MIDI with protection type IP20

The WINSTA® MIDI cable assembly 2-pole is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in no time flat. For greater security in electrical installations, the pluggable installation connector is provided with mechanical 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 electrified elements. The 2- or 5-pole version of the dark grey WINSTA® MIDI pluggable installation connectors with L coding supports use of an emergency power supply. Our WINSTA® MIDI product line allows total flexibility for the installation of applications. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures error-free, time-saving installation and offers customization for meeting all installation requirements. This product meets all the relevant safety requirements of fire class E; thus it can be used in domains where fire safety is relevant.

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

A socket and a plug are provided. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose durability and quality – with protection against mismatching from WAGO makes the electrical installation of electrical components substantially easier.

- pluggable installation connectors with protection against mismatching
- pre-assembled versions
- with L coding for supplying power in automation
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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 | 16 A | - | - | | |

Connection Data

| | | | |
|----------------------------|---|---------------------|---------------------|
| Total number of potentials | 2 | Connection 1 | |
| | | Pole number | 2 |
| | | Wire cross-section | 1.5 mm ² |
| | | Connection type | Socket - Plug |

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 | 7 m |

Mechanical data

| | |
|---|---|
| Use | Emergency power supply |
| Coding | L |
| Variable coding | No |
| Marking | L' N' |
| Potential marking | L' N' |
| 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 2x1.5 |
| 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

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|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | dark gray |
| 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 | 209.369 MJ |
| Connector color | dark gray |
| Strain relief color | black |
| Sheathed cable color | black |
| Printing color of sheathed cable | white |
| Halogen-free | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 539.6 g |
| Copper weight of the raw cable | 0.029 kg/m |

Environmental requirements

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|--|---|
| 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 | 4055143473736 |
| 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 |
|------------------------|-------------------------|

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA DEKRA Certification B.V. | EN 61535 | NTR NL-7355 |
| KEMA/KEUR DEKRA Certification B.V. | EN 61535 | 71-123834 |

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|---|-------------------|
| Environmental Product Compliance 771-8982/006-703 | ↓ |
|---|-------------------|

Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|-------------------|
| 771-8982/006-703 | 19.02.2019 | xml 2.91 KB | ↓ |
| 771-8982/006-703 | 03.12.2014 | doc 24.50 KB | ↓ |

CAD/CAE-Data

CAE data

| | |
|------------------------------------|-------------------|
| WSCAD Universe 771-8982/006-703 | ↓ |
|------------------------------------|-------------------|

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 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