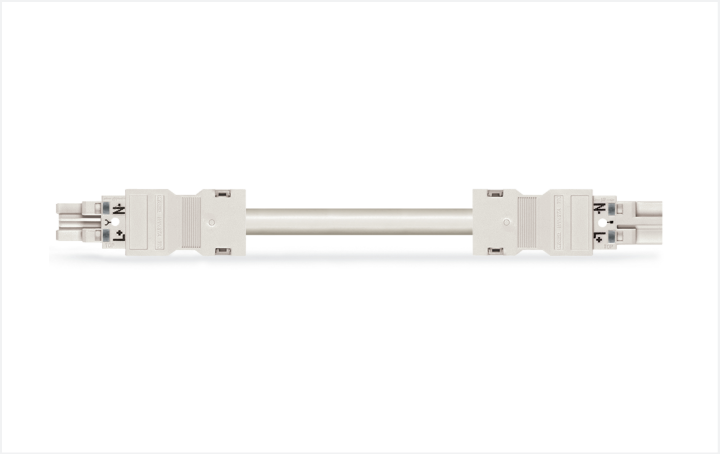
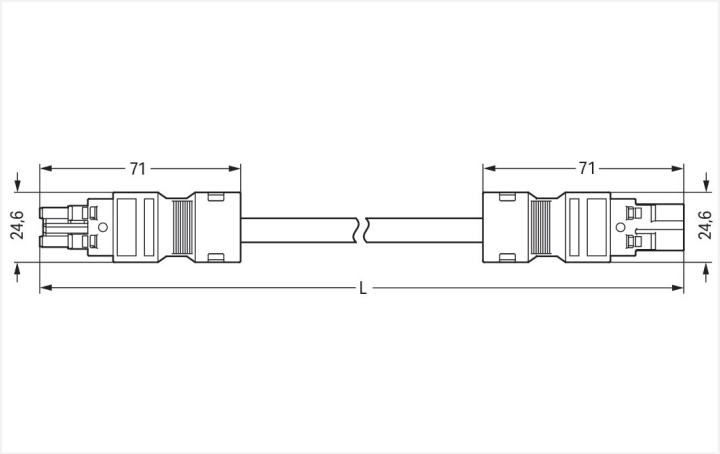
# Data Sheet | Item Number: 771-8992/016-402

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; H05Z1Z1-F 2 x 1,50 mm²; 4 m; 1,50 mm²; white

https://www.wago.com/771-8992/016-402



Color: white




Dimensions in mm

Cable assembly *WINSTA*® MIDI 2-pole

For power and signal transmission: The *WINSTA*® MIDI cable assembly with protection against mismating. The pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow fast, efficient, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 energised elements. The *WINSTA*® MIDI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. Our *WINSTA*® MIDI product line achieves total flexibility for the installation of applications. With its Push-in CAGE CLAMP® spring pressure connection technology, it achieves time-saving, error-free installation and offers flexibility for meeting all installation requirements. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. Eliminating halogens as an additive in the manufacture of this cable assembly noticeably increases fire safety and minimises environmental contamination.

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

The cable assembly is provided with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Now you can also cut installation expenses without compromising quality and safety: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- pre-assembled versions
- for any mains application
- ready to install and use immediately
- fast, secure installation

## Notes

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

## 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 | 16 A | - | - |

### General information

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

## Connection Data

| | |
|---|---|
| Total number of potentials | 2 |

### Connection 1

| | |
|---|---|
| Pole number | 2 |
| Wire cross-section | 1.5 mm² |
| 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 | 4 m |

## Mechanical data

| | |
|---|---|
| Use | General mains applications |
| Coding | A |
| 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 | H05Z1Z1-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:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>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). |


Continued on next page

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | white |
| 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 | 119.42 MJ |
| Connector color | white |
| Strain relief color | white |
| Sheathed cable color | white |
| Printing color of sheathed cable | black |
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 338.7 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)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143446556 |
| 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<br>DEKRA Certification B.V. | IEC 61535 | NTR NL-7355 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535 | 71-123834 |

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance
771-8992/016-402

## Documentation

**Bid Text**

| | | |
|---|---|---|
| 771-8992/016-402 | 19.02.2019 | xml<br>2.92 KB |
| 771-8992/016-402 | 03.12.2014 | doc<br>24.50 KB |

## CAD/CAE-Data

**CAD data**

2D/3D Models
771-8992/016-402

**CAE data**

EPLAN Data Portal
771-8992/016-402

WSCAD Universe
771-8992/016-402

ZUKEN Portal
771-8992/016-402


Continued on next page

# 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.: 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