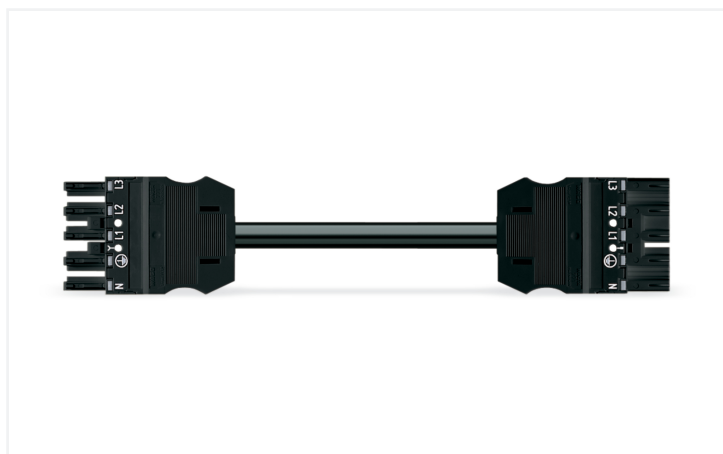


## Data Sheet | Item Number: 771-9395/017-801

pre-assembled interconnecting cable; Dca; Socket/plug; 5-pole; Cod. A; H05Z1Z1-F  
5G 2.5 mm<sup>2</sup>; 8 m; 2,50 mm<sup>2</sup>; black

<https://www.wago.com/771-9395/017-801>



Color: ■ black



Dimensions in mm

### Cable assembly WINSTA® MIDI 5-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly A coding, WAGO pluggable installation connectors can be used when specifications repeat or are planned on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped 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!)). That results in the fact that users' fingers will never come into contact with live contact elements. The WINSTA® MIDI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. This pluggable installation connector is used for electrical currents up to 20 A. Thus the product is ideally suitable for high power loads. 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 installation. This product meets all the safety requirements of fire class D; as a result it can be used in areas where fire safety is relevant. Not using halogen additives in the production of this cable assembly substantially improves fire safety and reduces environmental contamination.

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

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with strain relief hosting from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- simple circuits
- with A coding for use in a large number of general mains applications
- custom-engineered solutions
- 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 |     |    |
|---------------------------------|----------------|-----|----|
| Overvoltage category            | III            | III | II |
| Pollution degree                | 3              | 2   | 2  |
| Nominal voltage                 | 400 V          | -   | -  |
| Rated impulse withstand voltage | 6 kV           | -   | -  |
| Rated current                   | 20 A           | -   | -  |

## General information

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

## Connection Data

|                            |                      |
|----------------------------|----------------------|
| Total number of potentials | 5                    |
| PE function                | Preceding PE contact |

## Connection 1

|                    |                     |
|--------------------|---------------------|
| Pole number        | 5                   |
| Wire cross-section | 2.5 mm <sup>2</sup> |
| Connection type    | Socket - Plug       |

## Physical data

|              |                         |
|--------------|-------------------------|
| Pin spacing  | 10 mm / 0.394 inches    |
| Width        | 47 mm / 1.85 inches     |
| Height       | 15.38 mm / 0.606 inches |
| Total length | 8 m                     |

## Mechanical data

|   |   |
|---|---|
| Use                                     | General mains applications  |
| Coding                                  | A   |
| Variable coding                         | Yes   |
| Marking                                 | N ⊕ L1 L2 L3  |
| Potential marking                       | N ⊕ L1 L2 L3  |
| 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 5G2.5   |
| 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). |

### Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | black  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire class per EN 50575            | D <sub>ca</sub>  |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin  |
| Fire load                          | 1.081 MJ   |
| Connector color                    | black  |
| Strain relief color                | black  |
| Printing color of strain relief    | white  |
| Sheathed cable color               | black  |
| Printing color of sheathed cable   | white  |
| Halogen-free                       | Yes  |
| Silicon-free                       | Yes  |
| Sheath material                    | Halogen-free   |
| Rubber cable                       | No   |
| Weight                             | 1995.5 g   |
| Copper weight of the raw cable     | 0.12 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                  | 4066966458923 |
| Customs tariff number | 85444290900   |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 26121629             |
| 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  
771-9395/017-801



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.: 897-2005](#)  
Protective cap; Type4; 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