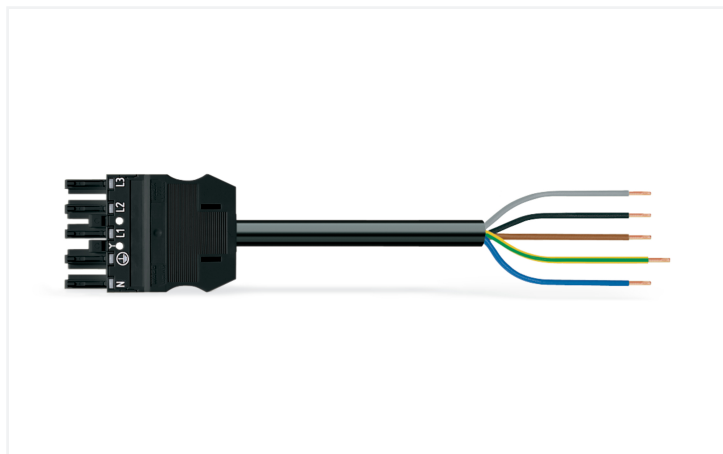


## Data Sheet | Item Number: 771-9395/117-201

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

<https://www.wago.com/771-9395/117-201>



Color: ■ black



Dimensions in mm

### Cable assembly WINSTA® MIDI with protection against mismatching

For signal and power transmission: The WINSTA® MIDI cable assembly with protection type IP20. WAGO pluggable installation connectors are used when requirements repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. For greater protection 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!)). 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 black or white is normally 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 especially suitable for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in can be found in a variety of projects you can use for quick, easy, secure, tailored installation. According to the European CPR, the fire class of the cables used in construction is critical for building safety as well. For houses with safety requirements, cable assemblies with fire class D are suitable. Not using halogen additives in the manufacture of this cable assembly noticeably increases fire safety and reduces environmental pollution.

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

A socket and a free end are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also lower installation costs without compromising safety and quality: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with A coding for a large number of uses
- flexible installation to save space
- convenient installation and commissioning

## Notes

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

## Electrical data

## Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	20 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

## General information

Note on contact resistance	approx. 1 m $\Omega$ of contact resistance approx. 0.25 m $\Omega$ contact transition plug/ socket
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## Connection Data

Total number of potentials	5
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inches
Pole number	5
Wire cross-section	2.5 mm <sup>2</sup>
Strip length (outer insulation)	55 mm
Connection type	Socket - free end

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	47 mm / 1.85 inches
Height	15.38 mm / 0.606 inches
Total length	2 m

## Mechanical data

Use	General mains applications
Coding	A
Variable coding	Yes
Marking	N $\oplus$ L1 L2 L3
Potential marking	N $\oplus$ 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 - free end
Type of pre-assembled cable	Connecting 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: 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)	<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	0.511 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	507.6 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) Insulating parts for temperatures ≤ 105 °C

### Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4066966487879
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
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**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 771-9395/117-201	

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Locking system**

**1.1.1.1 Locking system**

<a href="#">Item No.: 770-101</a> Locking lever; for flying leads; for manual operation; black	<a href="#">Item No.: 770-121</a> Locking lever; for flying leads; for manual operation; white	<a href="#">Item No.: 770-111</a> Locking lever; for flying leads; for tool operation; black	<a href="#">Item No.: 770-131</a> Locking lever; for flying leads; for tool operation; white

**1.2 Optional Accessories**

**1.2.1 Cover**

**1.2.1.1 Cover**

<a href="#">Item No.: 770-201</a> Lockout cap; 12-pole, separable; for sockets; Plastic; black	<a href="#">Item No.: 770-221</a> Lockout cap; 12-pole, separable; for sockets; Plastic; white	<a href="#">Item No.: 897-2005</a> Protective cap; Type4; for sockets and plugs; PVC; red

**1.2.2 Installation**

**1.2.2.1 Mounting accessories**

<a href="#">Item No.: 770-310</a> 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