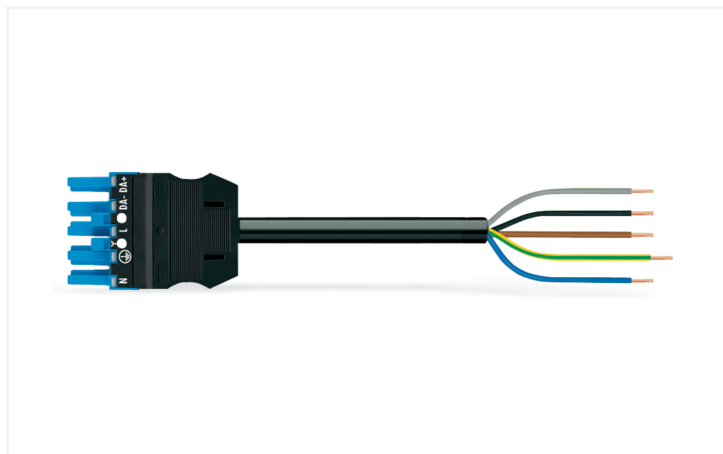


## Data Sheet | Item Number: 771-9385/116-101

pre-assembled connecting cable; Dca; Socket/open-ended; 5-pole; Cod. I;  
H05Z1Z1-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue

<https://www.wago.com/771-9385/116-101>



Color: ■ blue



Dimensions in mm

### Cable assembly WINSTA® MIDI I coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly with protection type IP20. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in next to no time. 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!)). That results in the fact that users' fingers will never come into contact with live contact elements. Regulated lighting, as implemented with the DALI standard, for example, is the primary domain of use of WINSTA® MIDI pluggable installation connectors with I coding. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Thanks to the built-in test slot, it is possible to check connections even when they are plugged in. That saves time and reduces installation labor and costs. According to the European CPR, the fire class of the cables used for construction is decisive for the safety of buildings, too. For buildings with safety requirements, cable assemblies with fire class D are suitable. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

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

A socket and a free end are available. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows 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 significantly easier.

- effective protection against mismatching
- simple circuits
- for lighting management
- exact dimensions
- 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	16 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	1.5 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	1 m

## Mechanical data

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N $\oplus$ L DA- DA+
Potential marking	N $\oplus$ L 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 5G1.5
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	blue
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	0.542 MJ
Connector color	blue
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	179 g
Copper weight of the raw cable	0.072 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	4066966481648
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 771-9385/116-101	

**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