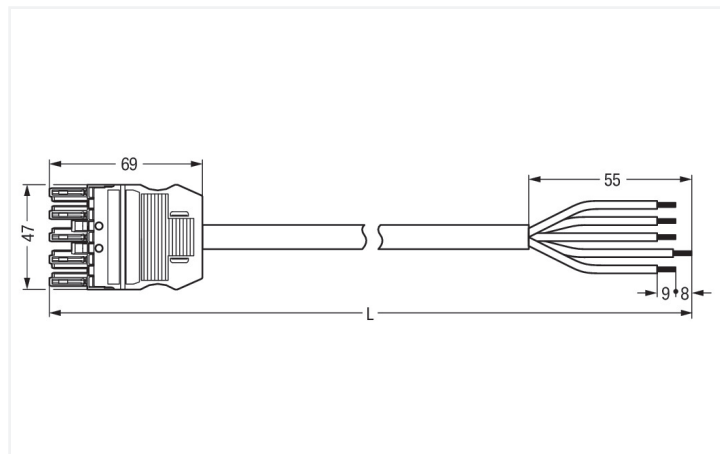
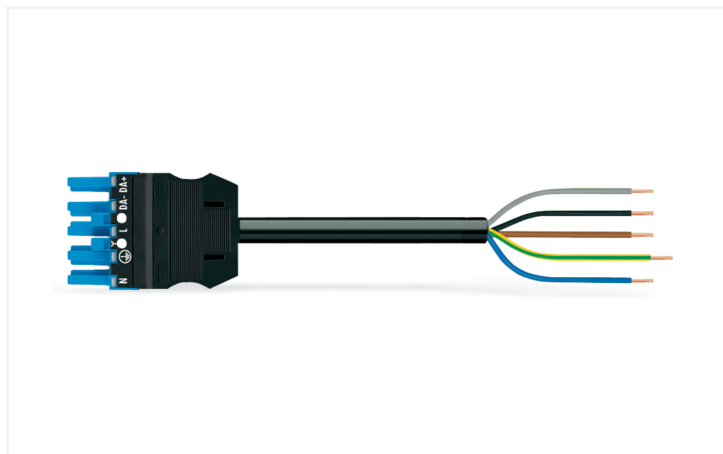


## Data Sheet | Item Number: 771-9385/116-701

pre-assembled connecting cable; Dca; Socket/open-ended; 5-pole; Cod. I;  
H05Z1Z1-F 5G 1.5 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>

<https://www.wago.com/771-9385/116-701>



Dimensions in mm

### Cable assembly WINSTA® MIDI with protection type IP20

For signal and power transmission: The WINSTA® MIDI cable assembly with protection against mismatching. Our pluggable installation connectors with spring pressure connection technology work without screw connections. They allow flexible, error-free installation in numerous possible uses. 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. Controlled lighting, as implemented with the DALI standard, for instance, is the main use of WINSTA® MIDI pluggable installation connectors with I coding. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy and maximally flexible electrical installation. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The safety requirements in connection with EU CPR are met by this product through fire class D. Eliminating halogens as an additive in the production of this cable assembly significantly increases fire safety and minimises environmental pollution.

### Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also cut installation expenses without compromising quality and safety: with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- simple circuits
- for lighting management
- flexible installation to save space
- 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

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	7 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>
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	1139 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	4066966481594
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 771-9385/116-701	↓

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 Locking system

##### 1.1.1.1 Locking system

<p><b>Item No.: 770-101</b> Locking lever; for flying leads; for manual operation; black</p>	<p><b>Item No.: 770-121</b> Locking lever; for flying leads; for manual operation; white</p>	<p><b>Item No.: 770-111</b> Locking lever; for flying leads; for tool operation; black</p>	<p><b>Item No.: 770-131</b> Locking lever; for flying leads; for tool operation; white</p>

### 1.2 Optional Accessories

#### 1.2.1 Cover

##### 1.2.1.1 Cover

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

#### 1.2.2 Installation

##### 1.2.2.1 Mounting accessories

<p><b>Item No.: 770-310</b> Mounting carrier; 2- to 5-pole; for flying leads; black</p>

### 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