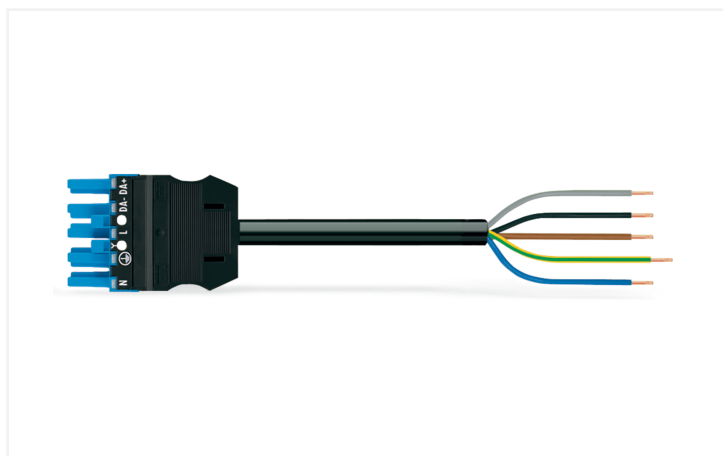


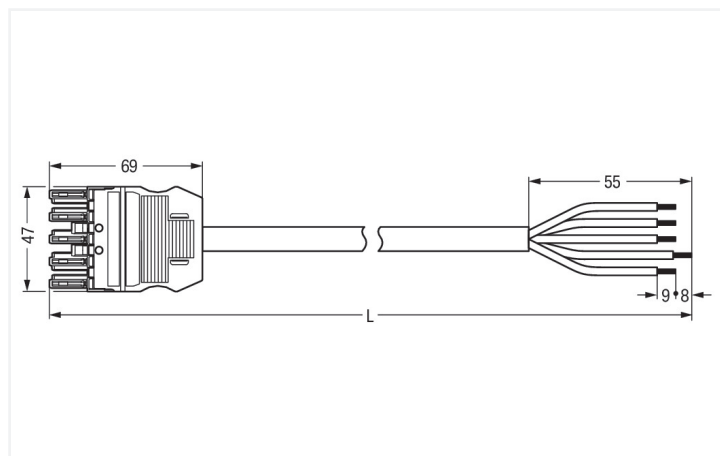
## Data Sheet | Item Number: 771-9285/117-201

pre-assembled connecting cable; B2ca; Socket/open-ended; 5-pole; Cod. I;  
H05Z1Z1-F 5G 2.5 mm<sup>2</sup>; 2 m; 2,50 mm<sup>2</sup>; blue

<https://www.wago.com/771-9285/117-201>



Color: ■ blue



Dimensions in mm

### Cable assembly WINSTA® MIDI with strain relief

The WINSTA® MIDI cable assembly 5-pole is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Whether 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. 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 contact elements. WINSTA® MIDI pluggable installation connectors with I coding in blue are especially suitable for intelligent, for instance for the dimming function of DALI lights. This pluggable installation connector is designed for a current load of up to 20 A. Therefore, it can also be used for high power loads. Our WINSTA® MIDI product line guarantees total flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers customization for meeting all installation requirements. Anyone who needs to take into account technical safety requirements for fire protection reasons for electrical installation should be able to rely on the quality of the components. Our product meets the strict safety standards of fire class B2. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

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

A socket and a free end are provided. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also cut installation expenses without compromising safety and quality: with marking reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- pre-assembled versions
- with I coding for use in building automation (lighting control)
- ready for immediate use
- 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			General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2		
Nominal voltage	400 V	-	-		
Rated impulse withstand voltage	6 kV	-	-		
Rated current	20 A	-	-		

## Connection Data

Total number of potentials	5	<b>Connection 1</b>	
PE function	Preceding PE contact	Strip length	9 mm / 0.35 inches
Conductor preparation	ultrasonically tip-bonded	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	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N ⊕ L DA- DA+
Potential marking	N ⊕ 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 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	blue
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	B2 <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.528 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	507.4 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	4055143659291
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

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 771-9285/117-201	<a href="#">↓</a>

## Documentation

Bid Text			
771-9285/117-201	19.02.2019	xml 3.01 KB	<a href="#">↓</a>
771-9285/117-201	01.12.2017	doc 26.50 KB	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 Locking system

##### 1.1.1.1 Locking system

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