

## Data Sheet | Item Number: 771-9385/016-301

pre-assembled interconnecting cable; Dca; Socket/plug; 5-pole; Cod. I; H05Z1Z1-F  
5G 1.5 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; blue

<https://www.wago.com/771-9385/016-301>



Color: ■ blue



Dimensions in mm

### Cable assembly WINSTA® MIDI with strain relief

For power and signal transmission: The WINSTA® MIDI cable assembly with protection against mismatching. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Regulated lighting, as used 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 found in can be found in a variety of projects you can use for quick, easy, secure, tailored electrical installation. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings, too. For buildings with safety requirements, cable assemblies with fire class D are suitable. In the manufacturing of this cable assembly, halogens were deliberately omitted. That is an important contribution to environmental protection.

### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- protection against mismatching eliminates errors
- for automation controllers
- with I coding for use in the automation of buildings (lighting control)
- exact dimensions
- fast, secure installation

### 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) $\Delta$ 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

### Connection 1

Pole number	5
Wire cross-section	1.5 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	3 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 - Plug
Type of pre-assembled cable	Interconnecting 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	1.109 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	517.6 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	4066966454390
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 771-9385/016-301

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Locking system**

**1.1.1.1 Locking system**

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

**1.2 Optional Accessories**

**1.2.1 Cover**

**1.2.1.1 Cover**

<p><a href="#">Item No.: 770-201</a> Lockout cap; 12-pole, separable; for sockets; Plastic; black</p>	<p><a href="#">Item No.: 770-221</a> Lockout cap; 12-pole, separable; for sockets; Plastic; white</p>	<p><a href="#">Item No.: 770-360</a> Lockout cap; for plugs; 5-pole; separable; yellow</p>	<p><a href="#">Item No.: 897-2005</a> Protective cap; Type4; for sockets and plugs; PVC; red</p>

**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**

<p><a href="#">Item No.: 770-450/000-006</a> Marker card; Plastic; blue</p>	<p><a href="#">Item No.: 770-450/000-001</a> Marker card; Plastic; green</p>	<p><a href="#">Item No.: 770-450/000-012</a> Marker card; Plastic; orange</p>	<p><a href="#">Item No.: 770-450/000-005</a> Marker card; Plastic; red</p>
<p><a href="#">Item No.: 770-450</a> Marker card; Plastic; white</p>	<p><a href="#">Item No.: 770-450/000-002</a> Marker card; Plastic; yellow</p>		

### 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