

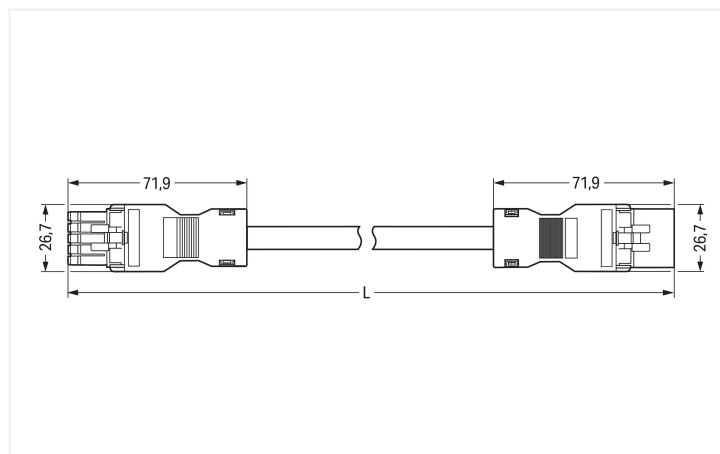
## Data Sheet | Item Number: 891-8385/066-601

pre-assembled interconnecting cable; Cca; Socket/plug; 5-pole; Cod. I; H05Z1Z1-F  
5G 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; blue

<https://www.wago.com/891-8385/066-601>



Color: ■ blue



Dimensions in mm

Cable assembly *WINSTA*® MINI rated current 16 A

For signal and power transmission: The *WINSTA*® MINI cable assembly with protection against mismatching, WAGO pluggable installation connectors are useful when criteria repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. *WINSTA*® MINI pluggable installation connectors with I coding in blue are particularly suitable for easy lighting installation, for example for the dimming function of DALI lights. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since due to LED technology, these offer less and less space for the connection technology. Mandatory compliance with fire protection regulations is an essential issue for building installation. Especially in sensitive areas, the fire class must meet or even exceed legal requirements. This product complies with the requirements of fire class C. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. 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 decreases assembly times and installation errors at the construction site. Now you can also reduce installation costs without compromising quality and safety: with marking eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- for lighting management
- custom-engineered solutions
- 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) $\Delta$ 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	4.4 mm / 0.173 inches
Width	26.7 mm / 1.051 inches
Height	15.8 mm / 0.622 inches
Total length	6 m

## Mechanical data

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N $\oplus$ L - +
Potential marking	N $\oplus$ L - +
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; IP40 when mated

## Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> <sup>®</sup> 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	C <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	88.687 MJ
Connector color	blue
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	1070 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	PL
GTIN	4066966532302
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  
891-8385/066-601



## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 Locking system

##### 1.1.1.1 Locking system



[Item No.: 890-111](#)

Locking lever; for flying leads; for tool operation; black



[Item No.: 890-131](#)

Locking lever; for flying leads; for tool operation; white



[Item No.: 890-101](#)

Locking lever; for manual operation; black



[Item No.: 890-121](#)

Locking lever; for manual operation; white

### 1.2 Optional Accessories

#### 1.2.1 Cover

##### 1.2.1.1 Cover



[Item No.: 897-2003](#)

Protective cap; Type2; for sockets and plugs; PVC; red

#### 1.2.2 Installation

##### 1.2.2.1 Mounting accessories



[Item No.: 890-310](#)

Mounting carrier; 2- to 5-pole; for flying leads; black



[Item No.: 890-311](#)

Mounting carrier; 2- to 5-pole; for flying leads; white