

## Data Sheet | Item Number: 891-8985/006-802

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G  
1.5 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; blue

<https://www.wago.com/891-8985/006-802>



Color: ■ blue



Dimensions in mm

### Cable assembly WINSTA® MINI 5-pole

The WINSTA® MINI cable assembly with protection against mismatching allows installation of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. WINSTA® MINI pluggable installation connectors with I coding in blue are above all suitable for intelligent, for example for the dimming of DALI lights. Thanks to its particularly small dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very tight spaces, i.e., for installations when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

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

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also lower installation expenses without compromising safety and quality: with fire class E reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- with I coding for use in the automation of buildings (lighting control)
- ready for immediate use
- convenient installation and commissioning

### Notes

Note Cables with a different fire class can be found in the eShop.

### Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	16 A	-	-

### General information

Note on contact resistance approx. 1 mΩ of contact resistance  
approx. 0.25 mΩ contact transition plug/  
socket

## Connection Data

Total number of potentials	5	<b>Connection 1</b>	
PE function	Preceding PE contact	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	8 m

## Mechanical data

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N ⊕ L - +
Potential marking	N ⊕ 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	H05VV-F 5G1.5
Protection type	IP20; IP40 when mated

## 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)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	239.943 MJ
Connector color	blue
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No

### Material data

Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	1260.7 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	4055143398466
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
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

**Downloads**

**Environmental Product Compliance**

Compliance Search			
Environmental Product Compliance			↓
891-8985/006-802			

**Documentation**

Bid Text			
891-8985/006-802	19.02.2019	xml 2.95 KB	↓
891-8985/006-802	01.12.2014	doc 25.00 KB	↓

**CAD/CAE-Data**

CAE data	
WSCAD Universe	↓
891-8985/006-802	

**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