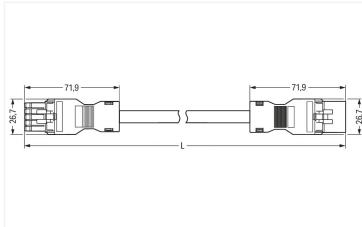
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05Z1Z1-F

5G 1.5 mm²; 8 m; 1,50 mm²; blue

https://www.wago.com/891-8985/016-802







Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly with protection against mismating is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. I coding in blue is used to identify WINSTA® MINI pluggable installation connectors, which are used above all in automation of buildings for controlling lighting. WINSTA® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for example, since due to LED technology, these offer less and less space for the connection technology. This product meets all the mandatory fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – with marking from WAGO makes the electrical installation of electrical components noticeably easier.

- · protection against mismating eliminates errors
- · easy tool-free operation, a wide range of coding options
- with I coding for lighting control (DALI standard)
- · 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	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 $\mbox{m}\Omega$ of contact resistance
Pollution degree	3	2	2		approx. 0.25 m Ω contact transition plug/ socket
Nominal voltage	400 V	-	-		Cooker
Rated surge voltage	6 kV	-	-		
Rated current	16 A	-	-		

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PE function



5

Connection data		
Total number of potentials	5	Connection 1

Preceding PE contact

Wire cross-section 1.5 mm²

Connection type Socket - Plug

Physical dataPin spacing4.4 mm / 0.173 inchesWidth26.7 mm / 1.051 inchesHeight15.8 mm / 0.622 inchesTotal length8 m

Pole number

Mechanical data Use DALI, Lighting Management Coding Variable coding No N ⊕ L - + Marking 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 \dots 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 IP20; IP40 when mated Protection type

Plug-in connection Mismating protection 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 Can be retrofitted Locking lever 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).

<u>Information on material specifications can be found here</u>
blue
Polyamide (PA66)
E _{ca}
Copper or copper alloy; surface-treated
Tin
239.834 MJ
blue
white
white
black

Data Sheet | Item Number: 891-8985/016-802 https://www.wago.com/891-8985/016-802



	<u>·</u>
Material data	
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	1252.8 g
Copper weight of the pipe	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 \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 105 °C

Commercial data	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143399890
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



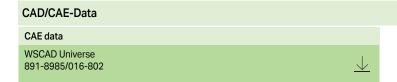
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

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Documentation			
Bid Text			
891-8985/016-802	19.02.2019	xml 2.98 KB	$\underline{\downarrow}$
891-8985/016-802	01.12.2014	doc 25.00 KB	<u>↓</u>





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

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1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 890-310 Mounting carrier; 2- to 5-pole; for flying



Item No.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white

Subject to changes. Please also observe the further product documentation!