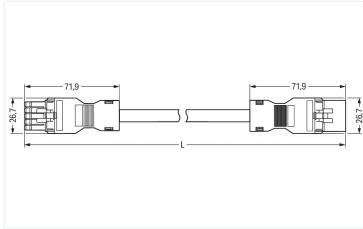
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05Z1Z1-F

5G 1.5 mm²; 1 m; 1,50 mm²; blue

https://www.wago.com/891-8985/016-102







Dimensions in mm

Cable assembly WINSTA® MINI I coding

The WINSTA® MINI cable assembly I coding allows assembly of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, secure wiring of all components. WINSTA® MINI pluggable installation connectors with I coding in blue are especially suitable for easy lighting installation, for instance for the dimming function of DALI lights. Due to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for connections when very little room is available. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant. Not using halogen additives in the manufacture of this cable assembly substantially improves fire safety and reduces environmental pollution.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with marking from WAGO makes the electrical installation of electrical components substantially easier.

- · effective protection against mismating
- easy tool-free operation, a wide range of coding options
- 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 m Ω 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	-	-		

https://www.wago.com/891-8985/016-102

PE function



Connection data		
Total number of potentials	5	Connection 1

Preceding PE contact

Wire cross-section 1.5 mm²

Wire cross-section 1.5 mm²

Connection type Socket - Plug

5

Physical dataPin spacing4.4 mm / 0.173 inchesWidth26.7 mm / 1.051 inchesHeight15.8 mm / 0.622 inchesTotal length1 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 when unlocked: approx. 20 \dots 70 N (depending on pole number) Unmating force of a plug-in connection 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).

Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
Color	blue
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	29.834 MJ
Connector color	blue
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black

Data Sheet | Item Number: 891-8985/016-102 https://www.wago.com/891-8985/016-102



Material data	
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	174.1 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 ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

27-44-06-04
27-44-06-04
EC002587
EC002587
1 pcs
unpacked
PL
4055143399821
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

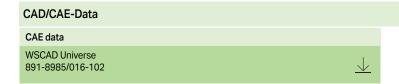
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Bid Text			
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1.2 Optional Accessories

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

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