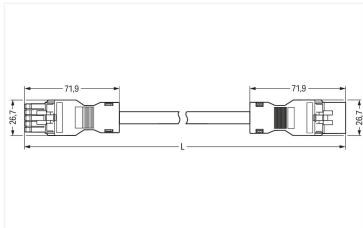
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05Z1Z1-F

5G 1.5 mm²; 4 m; 1,50 mm²; blue

https://www.wago.com/891-8985/016-402







Dimensions in mm

Cable assembly WINSTA® MINI with protection type IP20

For power and signal transmission: The WINSTA® MINI cable assembly with protection type IP20. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Controlled lighting, as used with the DALI standard, for instance, is the main application of WINSTA® MINI pluggable installation connectors with I coding. 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. According to the European CPR, the fire class of the cables used in construction is essential for building safety as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable. In the production of this cable assembly, we eliminated the use of halogen. That is an important contribution to environmental protection.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with marking from WAGO.

- pluggable installation connectors with protection against mismating
- · easy tool-free operation, a wide range of coding options
- with I coding for use in building automation (lighting control)
- · flexible installation to save space
- · 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 $m\Omega$ of contact resistance
Pollution degree	3	2	2		approx. $0.25~\text{m}\Omega$ contact transition plug/ socket
Nominal voltage	400 V	-	-		000.00
Rated surge voltage	6 kV	-	-		
Rated current	16 A	-	-		

Data Sheet | Item Number: 891-8985/016-402 https://www.wago.com/891-8985/016-402



Socket - Plug

Connection data				
Total number of potentials	5	Connection 1		
PE function	Preceding PE contact	Pole number	5	
		Wire cross-section	1.5 mm ²	

Connection type

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	4 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	H05Z1Z1-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).

nation on material specifications can be found here ide (PA66)
ide (PA66)
ide (PA66)
or copper alloy; surface-treated
4 MJ

https://www.wago.com/891-8985/016-402



	<u>·</u>
Material data	
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	636.4 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

7-44-06-04
7-44-06-04
C002587
C002587
pcs
packed
-
055143399845
5444290900
00 00 pc npa

Environmental Product Complian	ce
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



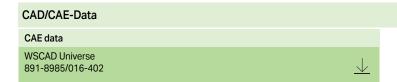
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

https://www.wago.com/891-8985/016-402



Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 891-8985/016-402

Documentation			
Bid Text			
891-8985/016-402	19.02.2019	xml 2.98 KB	$\underline{\downarrow}$
891-8985/016-402	01.12.2014	doc 25.00 KB	\downarrow





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

https://www.wago.com/891-8985/016-402



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!

Current addresses can be found at:: www.wago.com

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