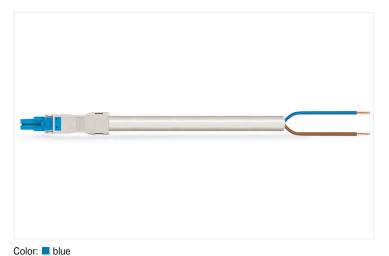
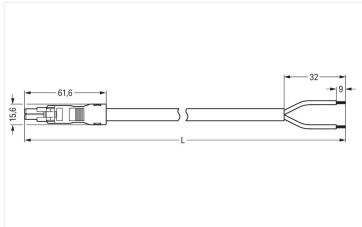
pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;

H05Z1Z1-F 2 x 1,50 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>; blue

https://www.wago.com/891-8982/116-702







Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly with protection type IP40. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow flexible, error-free installation in numerous possible uses. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. I coding in blue is used to mark WINSTA® MINI pluggable installation connectors, which are used above all in building automation for activating lighting. Due to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very tight 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 critical for the safety of buildings as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable. In the production of this cable assembly, halogens were deliberately omitted. This is an important contribution to environmental protection.

Fast, secure pluggable connections - cable assemblies from WAGO

A socket and a free end are provided. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also reduce installation costs without compromising safety and quality: with marking eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- · for lighting management
- custom-engineered solutions
- · 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 $\Omega$ of contact resistance
Pollution degree	3	2	2		approx. 0.25 mΩ contact transition plu socket
Nominal voltage	250 V	-	-		330101
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	2
		Wire cross-section	1.5 mm²
		Strip length (outer insulation)	32 mm
		Connection type	Socket - free end

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	15.6 mm / 0.614 inches
Height	13.2 mm / 0.52 inches
Total length	7 m

Mechanical data	
Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	+-
Potential marking	+-
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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 2x1.5
Protection type	IP40

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).

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Information on material specifications can be found here
blue
Polyamide (PA66)
E <sub>ca</sub>
Copper or copper alloy; surface-treated
Tin
209.66 MJ
blue
white

https://www.wago.com/891-8982/116-702

Approvals / Certificates

KEMA/KEUR DEKRA Certification B.V.

EN 61535



Material data	
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	557.5 g
Copper weight of the pipe	0.029 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	
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	4055143392631
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

General approvals			Declarations of confor	rmity and manufac	turer's declarations
CCA KEMA			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Conformity	-	-
CCA DEKRA Certification BV	EN 61535	NTR NL-7971	WAGO GmbH & Co. KG		_

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mity WAGO GmbH & Co. KG

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# Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 891-8982/116-702

Documentation			
Bid Text			
891-8982/116-702	19.02.2019	xml 3.07 KB	$\underline{\downarrow}$
891-8982/116-702	24.11.2014	doc 25.00 KB	$\perp$

# CAD/CAE-Data CAE data WSCAD Universe 891-8982/116-702



# 1.2 Optional Accessories

#### 1.2.1 Cover

# 1.2.1.1 Cover



Item No.: 897-2001

Protective cap; Type1; 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!