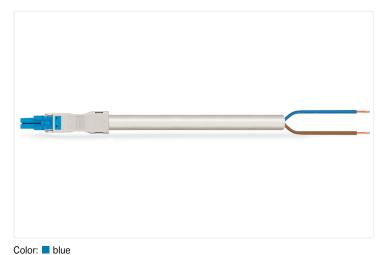
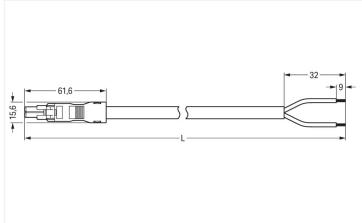
pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;

H05Z1Z1-F 2 x 1,50 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; blue

https://www.wago.com/891-8982/116-802







Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

For power and signal transmission: The *WINSTA*® MINI cable assembly I coding. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in next to no time. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid granular objects with a diameter below 1 mm in accordance with protection type IP40. *WINSTA*® MINI pluggable installation connectors with I coding in blue are primarily suitable for lighting management, for example for the dimming function of DALI lights. Due to its particularly minimal dimensions, our *WIN-STA*® 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. According to the European CPR, the fire class of the cables used for construction is essential for building safety, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable. In the manufacturing of this cable assembly, halogens were deliberately omitted. This is an important contribution to environmental protection.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Choose quality and durability – with strain relief hosting from WAGO makes the installation of electrical components noticeably easier.

- protection against mismating eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- with I coding for use in the automation of buildings (lighting control)
- · ready to install and use immediately
- 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. $0.25~\text{m}\Omega$ contact transition plug/ socket
Nominal voltage	250 V	-	-		000.00
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation ultrasonically	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	8 m

DALI, Lighting Management
1
No
+-
+-
approx. 20 70 N (depending on pole number)
when locked: > 80N
when unlocked: approx. 20 70 N (depending on pole number)
200, without resistive load
Socket - free end
Connecting cable
H05Z1Z1-F 2x1.5
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).

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 <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	239.66 MJ
Connector color	blue
Strain relief color	white

https://www.wago.com/891-8982/116-802

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	636.5 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 $\leq$ 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	4055143392624
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

General approvals			Declarations of confor	mity and manufactu	rer's declarations
( A KEMA					
CCA NEUR			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor- mity	-	-
CCA	EN 61535 NTR NL-7971	WAGO GmbH & Co. KG			
DEKRA Certification B.V.		UK-Declaration of Confor-	-	-	

71-123232

mity WAGO GmbH & Co. KG

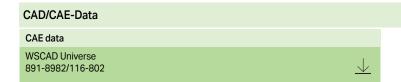
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Documentation			
Bid Text			
891-8982/116-802	19.02.2019	xml 3.07 KB	$\underline{\downarrow}$
891-8982/116-802	24.11.2014	doc 25.00 KB	$\underline{\downarrow}$







### 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!

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

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