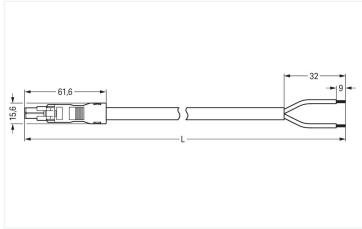
pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;

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

https://www.wago.com/891-8982/116-102







Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly I coding supports fast, reliable installation. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow fast, efficient, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected in accordance with protection type IP40. Users' hands and tools will never come into contact with live elements. WINSTA® MINI pluggable installation connectors with I coding in blue are primarily suitable for lighting management, for instance for the dimming function of DALI lights. WINSTA® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since due to LED technology, these offer much less space for the connection technology. According to the European CPR, the fire class of the cables used for construction is decisive for the safety of buildings, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable. Eliminating halogens as an additive in the production of this cable assembly substantially increases fire safety and minimises environmental contamination.

Fast, error-free assembly thanks to cable assemblies from WAGO

A socket and a free end are available. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Choose durability and quality – with marking from WAGO makes the installation of electrical components significantly easier.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- · with I coding for use in building automation (lighting control)
- · 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 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 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	1 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).

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	29.66 MJ
Connector color	blue
Strain relief color	white

https://www.wago.com/891-8982/116-102

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	83.5 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	4055143392563
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

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

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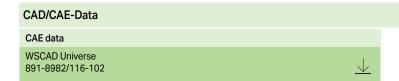
mity WAGO GmbH & Co. KG

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Documentation			
Bid Text			
891-8982/116-102	19.02.2019	xml 3.14 KB	$\underline{\downarrow}$
891-8982/116-102	24.11.2014	doc 25.00 KB	$\perp$





# 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

https://www.wago.com/891-8982/116-102



## 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!