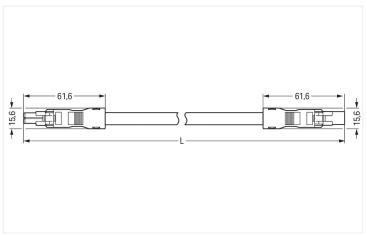
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05Z1Z1-F

2 x 1,50 mm<sup>2</sup>; 5 m; 1,50 mm<sup>2</sup>; blue

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Dimensions in mm

#### Cable assembly WINSTA® MINI I coding

The WINSTA® MINI cable assembly I coding supports rapid, correct installation. WAGO pluggable installation connectors are used when specifications repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. Controlled lighting equipment, as used in the DALI standard, for instance, is the primary domain of use of WINSTA® MINI pluggable installation connectors with I coding. Due to its particularly small dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very 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 for construction is essential for building safety, too. 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 climate protection.

Fast, secure pluggable connections - cable assemblies from WAGO

A socket and a plug are available. 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 protection against mismating from WAGO makes the installation of electrical components visibly easier.

- · protection against mismating eliminates errors
- consistent IP40 protection
- with I coding for use in building automation (lighting control)
- ready to install and use immediately
- · rapid, structured electrical installation

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 plug/ socket
Nominal voltage	250 V	-	-		5551.61
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
		Pole number	2
		Wire cross-section	1.5 mm <sup>2</sup>
		Connection type	Socket - Plug

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	5 m

Mechanical data	
Use	DALI, Lighting Management
Coding	
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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05Z1Z1-F 2x1.5
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).

https://www.wago.com/891-8982/016-502



Material data	
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	403.9 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	4055143392525
Customs tariff number	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

## Declarations of conformity and manufacturer's declarations

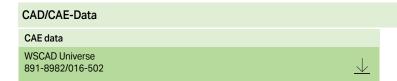
Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

https://www.wago.com/891-8982/016-502



# Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 891-8982/016-502

Documentation			
Bid Text			
891-8982/016-502	19.02.2019	xml 3.00 KB	$\underline{\downarrow}$
891-8982/016-502	24.11.2014	doc 24.50 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

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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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