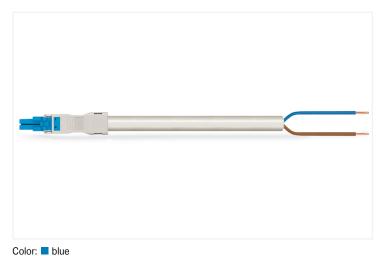
#### Data Sheet | Item Number: 891-8982/116-402

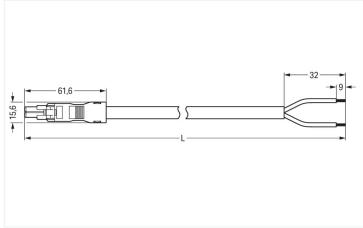
pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I;

H05Z1Z1-F 2 x 1,50 mm<sup>2</sup>; 4 m; 1,50 mm<sup>2</sup>; blue

https://www.wago.com/891-8982/116-402







Dimensions in mm

#### Cable assembly WINSTA® MINI rated current 16 A

The WINSTA® MINI cable assembly with protection against mismating is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. 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' fingers and tools will never come into contact with live elements. WINSTA® MINI pluggable installation connectors with I coding in blue are above all suitable for lighting management, for example for the dimming of DALI lights. Thanks 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. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant. In the production of this cable assembly, we eliminated the use of halogen. This is an important contribution to environmental protection.

Fast, secure pluggable connections - cable assemblies from WAGO

A socket and a free end are available. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also lower installation costs without compromising safety and quality: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- · protection against mismating eliminates errors
- consistent IP40 protection
- with I coding for controlling light (DALI standard)
- exact dimensions
- · 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 $\mbox{m}\Omega$ of contact resistance
Pollution degree	3	2	2		approx. 0.25 m $\Omega$ contact transition plug/ socket
Nominal voltage	250 V	-	-		000.101
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation ul	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	2
		Wire cross-section	1.5 mm <sup>2</sup>
		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	4 m

DALI, Lighting Management
No
<b>+</b> -
+-
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)	
	Information on material specifications can be found here
Color	blue
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	$E_ca$
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	119.66 MJ
Connector color	blue
Strain relief color	white

# Data Sheet | Item Number: 891-8982/116-402 https://www.wago.com/891-8982/116-402

Approvals / Certificates



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	320.5 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	4055143392587
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

General approvals			Declarations of confo	rmity and manufac	turer's declarations
CCA KEMA			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Conformity	-	-

CCA			Approvai	Standard	Oci tilloate Name
Approval	Standard	Certificate Name	EU-Declaration of Conformity	-	-
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971	WAGO GmbH & Co. KG UK-Declaration of Confor-	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232	mity WAGO GmbH & Co. KG		

# Data Sheet | Item Number: 891-8982/116-402

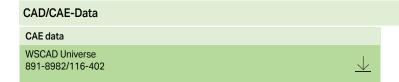
https://www.wago.com/891-8982/116-402

891-8982/116-402



# Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance

Documentation			
Bid Text			
891-8982/116-402	19.02.2019	xml 3.07 KB	<u>↓</u>
891-8982/116-402	24.11.2014	doc 25.00 KB	$\underline{\downarrow}$





# 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

# Data Sheet | Item Number: 891-8982/116-402

https://www.wago.com/891-8982/116-402



# 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

leads; white

Subject to changes. Please also observe the further product documentation!