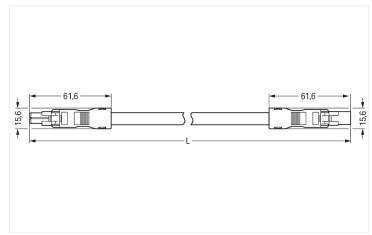
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05VV-F 2 x

1.5 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; blue

https://www.wago.com/891-8982/006-801







Dimensions in mm

Cable assembly WINSTA® MINI with strain relief

For power and signal transmission: The WINSTA® MINI cable assembly with protection against mismating. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. Controlled lighting, as used with the DALI standard, for example, is the primary domain of use of WINSTA® MINI pluggable installation connectors with I coding. Especially where space is tight, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its strengths. It saves space, and, thanks to Pushin CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the installation is low-maintenance and requires no screw connections. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

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

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Choose durability and quality – with fire class E from WAGO makes the electrical installation of electrical components visibly easier.

- · protection against mismating eliminates errors
- · easy tool-free operation, a wide range of coding options
- for lighting management
- · 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 m $\Omega$ contact transition plug/ socket
Nominal voltage	250 V	-	-		550.161
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	8 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	H05VV-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).

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	239.244 MJ
Connector color	blue
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Printing color of sheathed cable	white

https://www.wago.com/891-8982/006-801



Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	667 g
Copper weight of the pipe	0.029 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
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	4055143351171
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Δn	nrov	ale /	Certificates
ΑD	prov	ais /	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	-	-

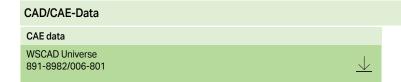
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Documentation			
Bid Text			
891-8982/006-801	19.02.2019	xml 2.98 KB	$\underline{\downarrow}$
891-8982/006-801	24.11.2014	doc 24.00 KB	$\downarrow$







## 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!