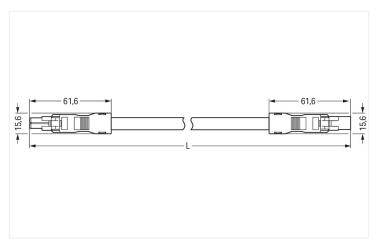
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pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; Control cable 2 x 1.0 mm²; 2 m; 1,00 mm²; white

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Dimensions in mm

Cable assembly WINSTA® MINI A coding

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. Whether 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. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The WINSTA® MINI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. WINSTA® MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly 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 buildings with average safety requirements, cable assemblies with fire class E are suitable. Eliminating halogens as an additive in the manufacture of this cable assembly significantly increases fire safety and reduces environmental contamination.

Pluggable connections instead of screw connections - cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – with marking from WAGO makes the installation of electrical components noticeably easier.

- · effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- suitable for any application
- exact dimensions
- · 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	-	-		Coolie
Rated surge voltage	4 kV	-	-		
Rated current	10 A	-	-		



Connection data			
Total number of potentials	2	Connection 1	
		Pole number	2
		Wire cross-section	1 mm²
		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	2 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	No
Marking	LN
Potential marking	LN
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
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	white
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	59.306 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black

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	<u> </u>
Material data	
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	123.5 g
Copper weight of the pipe	0.0192 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	4055143392327
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

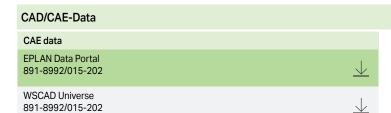
Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 891-8992/015-202	

Documentation			
Bid Text			
891-8992/015-202	19.02.2019	xml 2.94 KB	<u>↓</u>
891-8992/015-202	21.11.2014	doc 23.50 KB	$\underline{\downarrow}$

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1.1 Required Accessories 1.1.1 Locking system 1.1.1.1 Locking system Item No.: 890-111 Locking lever; for flying leads; for tool operation; black Item No.: 890-101 Locking lever; for manual operation; black Locking lever; for manual operation; white

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

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

Item No.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

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

Current addresses can be found at:: $\underline{www.wago.com}$

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