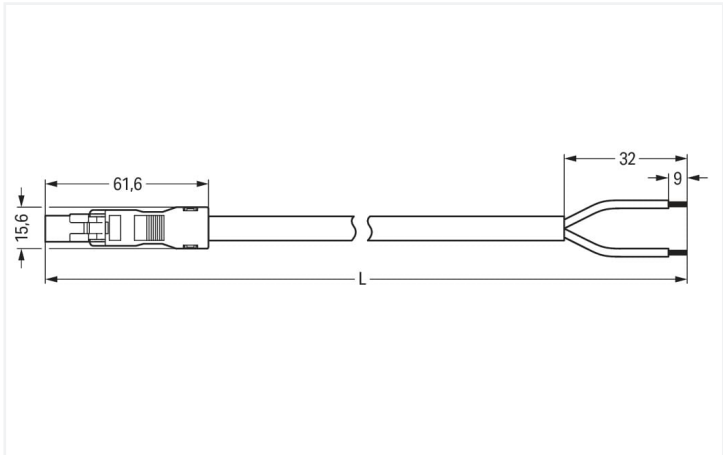




Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® MINI A coding

The *WINSTA*® MINI cable assembly 2-pole supports rapid, correct installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in next to no time. The coding options reduce installation errors, allowing fast, secure wiring of all components. The *WINSTA*® MINI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. Thanks to its particularly small dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very tight spaces, i.e., for installations when very little room is available. This product meets all the mandatory fire protection requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

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

A plug and a free end are provided. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also lower installation expenses without compromising quality and safety: with fire class E reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- for any mains application
- ready for immediate use
- quick replacement of defective units during ongoing operation

Notes	
Note	Cables with a different fire class can be found in the eShop.

Electrical data					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	
Overvoltage category		III	III	II	approx. 1 mΩ of contact resistance	
Pollution degree		3	2	2	approx. 0.25 mΩ contact transition plug/ socket	
Nominal voltage	250 V	-	-	-		
Rated surge voltage	4 kV	-	-	-		
Rated current	10 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 mm²	
Strip length (outer insulation)	32 mm	
Connection type	Plug - 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		5 m

Mechanical data		
Use		General mains applications
Coding		A
Variable coding		No
Marking		L N
Potential marking		L N
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		Plug - free end
Type of pre-assembled cable		Connecting cable
Cable type		H05VV-F 2x1
Protection type		IP20; IP40 when mated

Plug-in connection		
Mismating protection		Yes
Note on mismating protection		All <i>WINSTA</i> ® 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		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		149.664 MJ
Connector color		white
Strain relief color		white



Material data		
Sheathed cable color		white
Printing color of sheathed cable		black
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC
Rubber cable		No
Weight		289.7 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 ≤ 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		4055143362412
Customs tariff number		85444290900

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance		↓
891-8992/205-502		

Documentation				
Bid Text				
891-8992/205-502	19.02.2019	xml	2.99 KB	↓
891-8992/205-502	21.11.2014	doc	24.00 KB	↓



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 891-8992/205-502	
WSCAD Universe 891-8992/205-502	

1 Compatible Products
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.: 890-131 Locking lever; for flying leads; for tool operation; white	Item No.: 890-101 Locking lever; for manual operation; black	Item No.: 890-121 Locking lever; for manual operation; white
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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 leads; black	Item No.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white
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