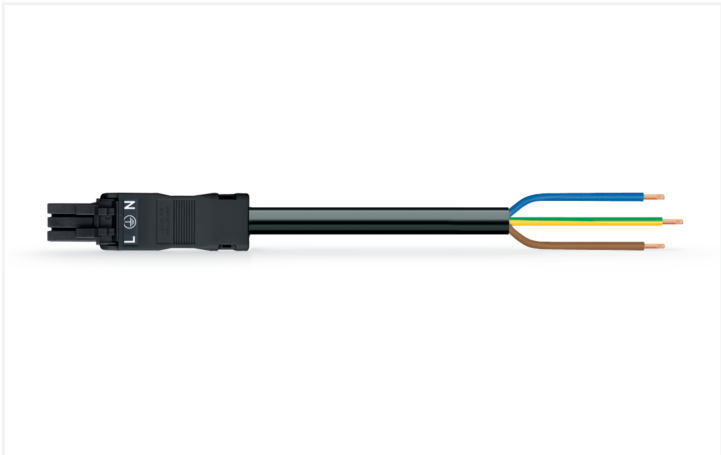
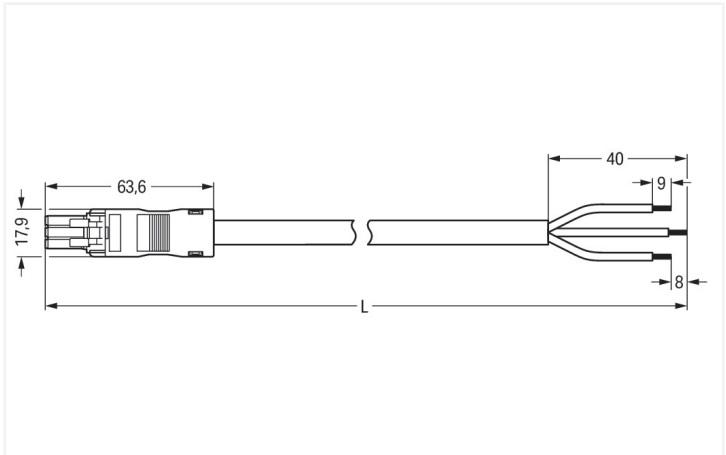




Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® MINI rated current 16 A

The *WINSTA*® MINI cable assembly with protection type IP40 supports rapid, correct installation. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow fast, efficient, error-free installation in a large number of possible uses. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. The pluggable installation connector offers protection against contact with tools or wires if they are smaller than 1 mm in accordance with protection type IP40. The *WINSTA*® MINI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. Thanks to its particularly minimal 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 installations when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The required 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 is pre-assembled with a socket and a free end. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also lower installation expenses without compromising quality and safety: with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in many general mains applications
- custom-engineered solutions
- 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	16 A	-	-	-		

Pin spacing	4.4 mm / 0.173 inches
Width	17.9 mm / 0.705 inches
Height	14 mm / 0.551 inches
Total length	1 m

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	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 3G1.5
Protection type	IP40

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).

Note (material data)	Information on material specifications can be found here
Color	black
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	30.016 MJ
Connector color	black
Strain relief color	black



Material data	
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	102 g
Copper weight of the pipe	0.043 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	4055143396189
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates	
General approvals	Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

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



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance			↓
891-8993/106-101			

Documentation

Bid Text			
891-8993/106-101	19.02.2019	xml 3.01 KB	↓
891-8993/106-101	26.11.2014	doc 24.00 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 891-8993/106-101	↓
WSCAD Universe 891-8993/106-101	↓

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

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