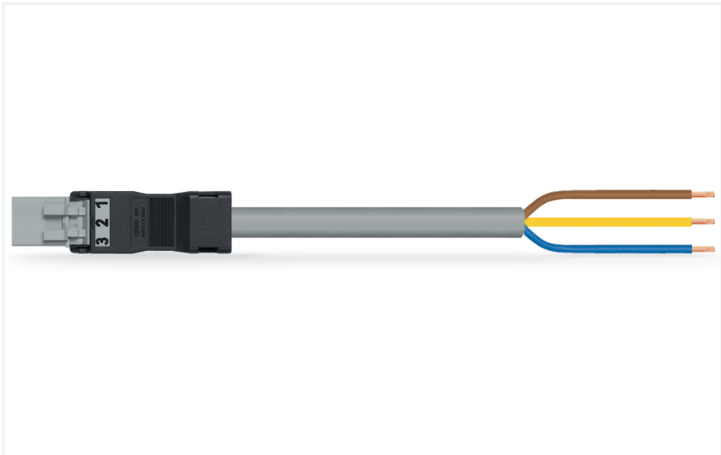
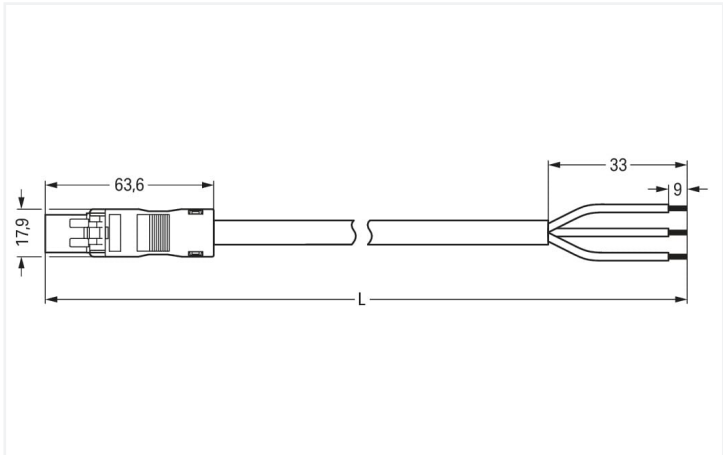




Color: ■ gray



Dimensions in mm

Cable assembly WINSTA® MINI rated current 10 A

The WINSTA® MINI cable assembly B coding 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 many different requirements in seconds. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. Pluggable installation connectors with B coding from the WINSTA® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible as well. Due to its particularly compact dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very tight spaces, i.e., for connections when very little room is available. This product meets all the relevant safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are provided. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Now you can also lower installation costs without compromising quality and safety: with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- consistent IP40 protection
- with B coding for controllers, for example lighting fixtures and sun blinds
- 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.	
Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .	

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	3	Connection 1	
Conductor preparation	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	3
		Wire cross-section	1 mm²
		Strip length (outer insulation)	33 mm
		Connection type	Plug - free end

Physical data			
Pin spacing		4.4 mm / 0.173 inches	
Width		17.9 mm / 0.705 inches	
Height		14 mm / 0.551 inches	
Total length		8 m	

Mechanical data			
Use		Control technology	
Coding		B	
Variable coding		No	
Marking		1 2 3	
Potential marking		1 2 3	
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 3x1	
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)		Information on material specifications can be found here	
Color		gray	
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		0.293 MJ	
Connector color		gray	
Strain relief color		black	



Material data	
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	590.3 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	4055143174541
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 891-8993/205-803	

Documentation

Bid Text			
891-8993/205-803	19.02.2019	xml 3.01 KB	
891-8993/205-803	02.12.2014	doc 25.00 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal
891-8993/205-803

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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