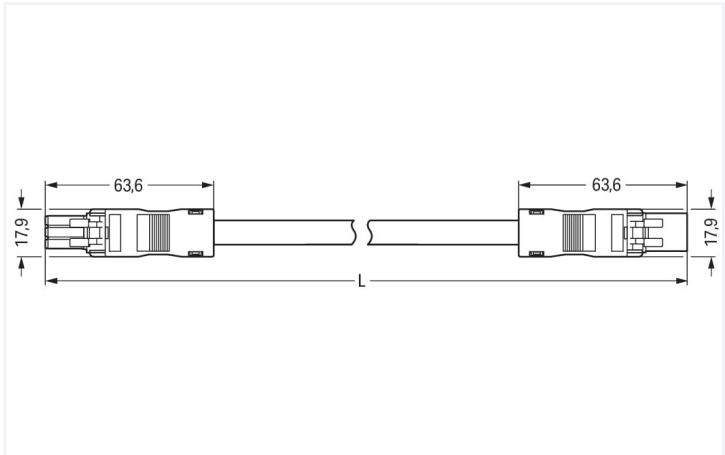




Color: ■ pink



Dimensions in mm

Cable assembly WINSTA® MINI rated current 10 A

For power and signal transmission: The WINSTA® MINI cable assembly rated current 10 A. Our 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 applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. B coding enables the WINSTA® MINI pluggable installation connectors to be used for application control in the domains of automation, robotics, and mechanical engineering. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantages. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the installation is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used for construction is decisive for the safety of buildings, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

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 strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system reduces assembly times and installation errors at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- protection against mismatching eliminates errors
- consistent IP40 protection
- with B coding for use in process automation, such as lighting technology
- ready to install and use immediately
- convenient installation and commissioning

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				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		250 V	-	-
Rated surge voltage		4 kV	-	-
Rated current		10 A	-	-
General information				
Note on contact resistance		approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket		



Connection data		
Total number of potentials	3	
		Connection 1
	Pole number	3
	Wire cross-section	1 mm²
	Connection type	Socket - Plug
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		3 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		Socket - Plug
Type of pre-assembled cable		Interconnecting cable
Cable type		H05VV-F 3x1
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		pink
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		0.486 MJ
Connector color		pink
Strain relief color		black
Sheathed cable color		gray
Printing color of sheathed cable		black



Material data	
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	231.7 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	4050821675594
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 891-8993/005-307	

Documentation

Bid Text			
891-8993/005-307	19.02.2019	xml 2.95 KB	
891-8993/005-307	02.06.2015	doc 24.50 KB	



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 891-8993/005-307	
WSCAD Universe 891-8993/005-307	

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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