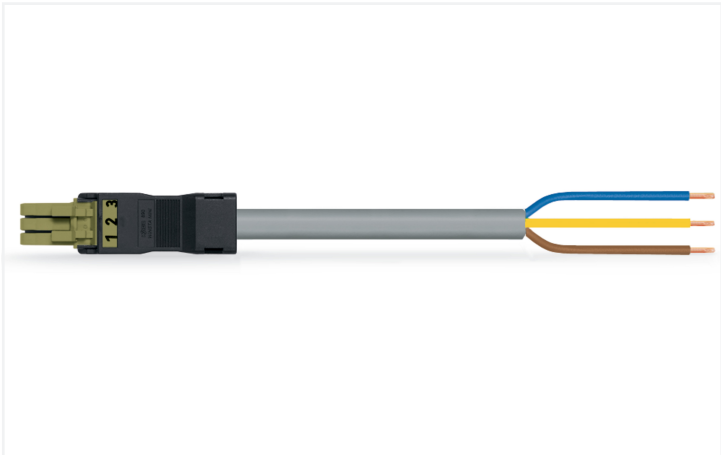
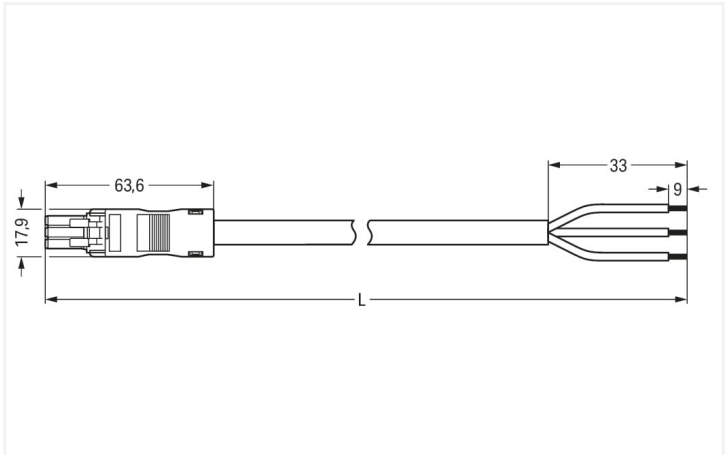




Color: ■ light green



Dimensions in mm

Cable assembly WINSTA® MINI 3-pole

The WINSTA® MINI cable assembly 3-pole supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work 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. The pluggable installation connector is protected against ingress by solid granular objects with a diameter below 1 mm in accordance with protection type IP40. B coding enables the WINSTA® MINI pluggable installation connectors to be used for control in applications in automation, robotics, and mechanical engineering. Where space is tight, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantageous properties. It is very compact, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the connection is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used in construction is critical 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 free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also cut installation costs without compromising safety and quality: with marking eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for controllers such as sun blinds and lighting fixtures
- ready for immediate use
- fast, secure installation

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		16 A	-	-

Ratings per IEC/EN – Notes	
Rated current (note)	13 A for 3-pole load



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	
Conductor preparation	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	3
		Wire cross-section	1.5 mm²
		Strip length (outer insulation)	33 mm
		Connection type	Socket - 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	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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 3x1.5
Protection type	IP40

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	light green
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.268 MJ
Connector color	light green
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	303.3 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	4050821675785
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption



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891-8993/106-305

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Documentation

Bid Text

891-8993/106-305	19.02.2019	xml 3.03 KB	↓
891-8993/106-305	02.12.2014	doc 25.50 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal

891-8993/106-305

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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