



Color: white



Dimensions in mm

Cable assembly WINSTA® MINI with strain relief

The WINSTA® MINI cable assembly rated current 16 A supports rapid, correct installation. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. The WINSTA® MINI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. Due to its particularly compact 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 connections when very little room is available. According to the European CPR, the fire class of the cables used for construction is decisive for building safety as well. 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 is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System is perfectly 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 errors during installation at the construction site. Now you can also cut installation expenses without compromising quality and safety: with protection against mismatching eliminates 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
- with A coding for a large number of uses
- exact dimensions
- 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	-	-	-		

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	1.5 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	2 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 2x1.5
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	59.664 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	168.2 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	4055143362900
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 891-8992/206-202	

Documentation			
Bid Text			
891-8992/206-202	19.02.2019	xml 2.99 KB	
891-8992/206-202	21.11.2014	doc 25.00 KB	



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 891-8992/206-202	
WSCAD Universe 891-8992/206-202	

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