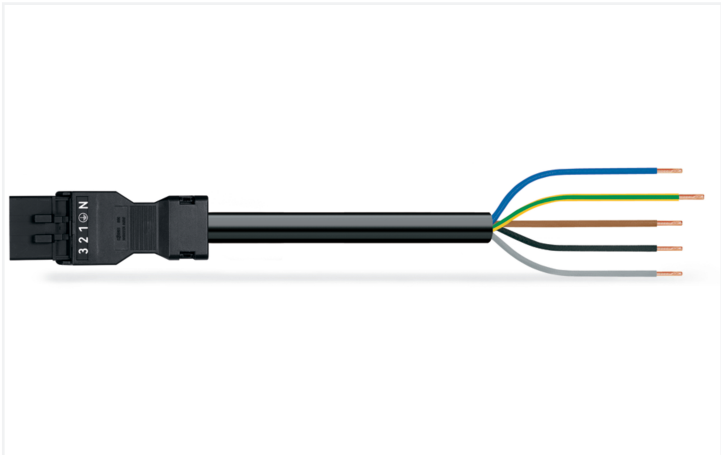
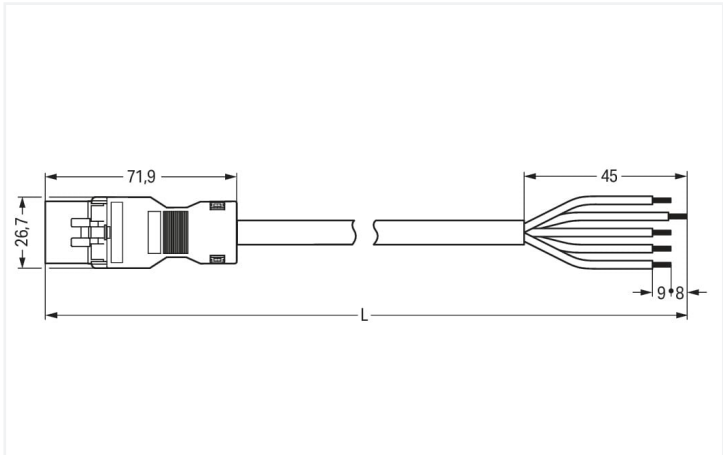




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MINI with protection type IP20

The WINSTA® MINI cable assembly 5-pole is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. WAGO pluggable installation connectors can be used when criteria repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. General mains applications for almost any domain of use can be realised with WINSTA® MINI pluggable installation connectors with A coding. Especially if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the installation is low-maintenance and requires no screw connections. This product meets all the relevant safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are available. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Using this pre-assembled system decreases assembly times and installation errors at the construction site. Choose durability and quality – with protection against mismatching from WAGO makes the electrical installation of electrical components noticeably easier.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- suitable for any application
- flexible installation to save space
- convenient installation and commissioning

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	400 V	-	-	-		
Rated surge voltage	6 kV	-	-	-		
Rated current	13 A	-	-	-		



Connection data		
Total number of potentials	5	Connection 1
Conductor preparation	ultrasonically tip-bonded	
Strip length	9 mm / 0.35 inches	
Pole number	5	
Wire cross-section	1.5 mm²	
Strip length (outer insulation)	45 mm	
Connection type	Plug - free end	

Physical data		
Pin spacing		4.4 mm / 0.173 inches
Width		26.7 mm / 1.051 inches
Height		15.8 mm / 0.622 inches
Total length		5 m

Mechanical data		
Use		General mains applications
Coding		A
Variable coding		No
Marking		N ⊕ 1 2 3
Potential marking		N ⊕ 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 5G1.5
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		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		150.043 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	785 g
Copper weight of the pipe	0.072 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	4055143386715
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
CCA KEMA KEUR		
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			↓
891-8995/206-501			

Documentation

Bid Text			
891-8995/206-501	19.02.2019	xml 2.98 KB	↓
891-8995/206-501	01.12.2014	doc 25.00 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 891-8995/206-501	↓
WSCAD Universe 891-8995/206-501	↓

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.: 897-2003](#)
Protective cap; Type2; 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