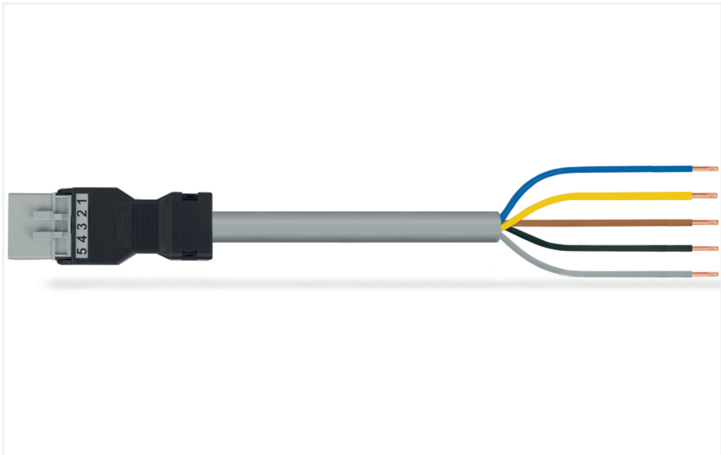
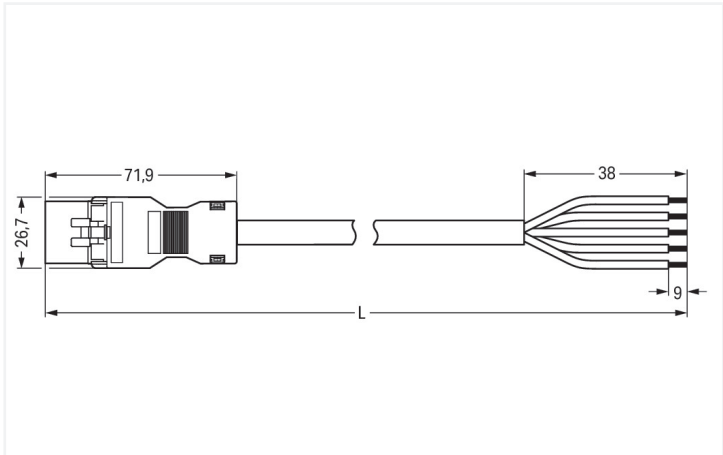




Color: ■ gray



Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly with protection against mismating allows installation of fine-stranded and solid conductors. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in seconds. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. Solutions like the WINSTA® MINI pluggable installation connectors with B coding are appropriate for applications involving process control, for example, for lighting or in data networks. Where space is tight, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantages. It is very compact, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the installation is low-maintenance and requires no screw connections. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. WINSTA® is the pluggable connection system that is ideally 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 expenses without compromising safety and quality: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for controllers such as lighting fixtures and sun blinds
- flexible installation to save space
- 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		400 V	-	-
Rated surge voltage		6 kV	-	-
Rated current		16 A	-	-
Ratings per IEC/EN – Notes				
Rated current (note)		13 A for 3-pole load 10 A for 4- and 5-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	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)	38 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	6 m

Mechanical data	
Use	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential marking	1 2 3 4 5
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 5x1.5
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	0.352 MJ
Connector color	gray
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	995.4 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	4055143520171
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 891-8995/206-603	

Documentation

Bid Text			
891-8995/206-603	19.02.2019	xml 3.00 KB	
891-8995/206-603	12.03.2015	doc 25.50 KB	

CAD/CAE-Data

CAE data	
EPLAN Data Portal 891-8995/206-603	

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