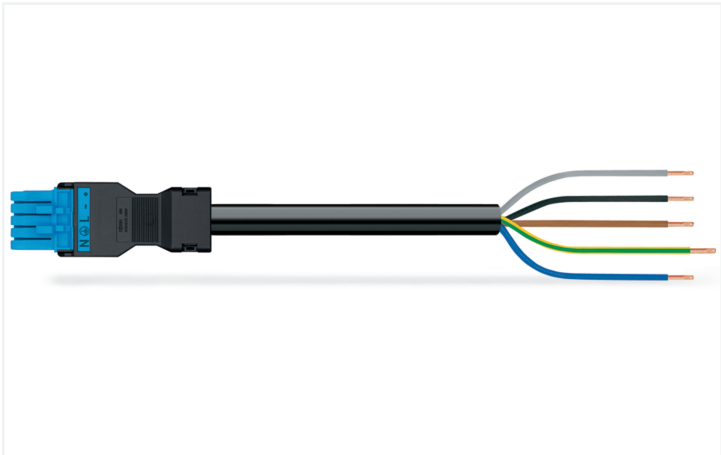
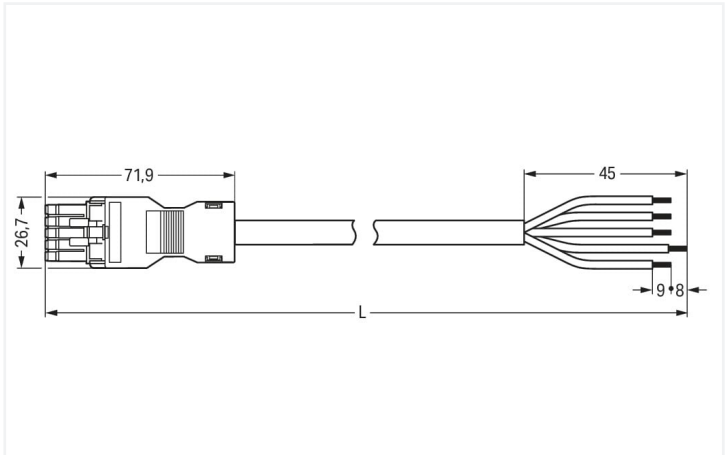




Color: ■ blue



Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly rated current 16 A. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector is protected against ingress by solid granular objects with a diameter of less than 1 mm in accordance with protection type IP40. I coding in blue is used to identify WINSTA® MINI pluggable installation connectors, which are used primarily in building automation for activating lighting. Particularly where space is tight, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and requires no screw connections. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

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

The cable assembly is provided with a socket and a free end. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also reduce installation costs without compromising quality and safety: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- for lighting management
- ready for immediate use
- rapid, structured electrical installation

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		16 A	-	-		



Connection data												
Total number of potentials	5	Connection 1 <table><tr><td>Strip length</td><td>9 mm / 0.35 inches</td></tr><tr><td>Pole number</td><td>5</td></tr><tr><td>Wire cross-section</td><td>1.5 mm²</td></tr><tr><td>Strip length (outer insulation)</td><td>45 mm</td></tr><tr><td>Connection type</td><td>Socket - free end</td></tr></table>	Strip length	9 mm / 0.35 inches	Pole number	5	Wire cross-section	1.5 mm²	Strip length (outer insulation)	45 mm	Connection type	Socket - free end
Strip length	9 mm / 0.35 inches											
Pole number	5											
Wire cross-section	1.5 mm²											
Strip length (outer insulation)	45 mm											
Connection type	Socket - free end											
PE function	Preceding PE contact											
Conductor preparation	ultrasonically tip-bonded											
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		DALI, Lighting Management										
Coding		I										
Variable coding		No										
Marking		N ⊕ L - +										
Potential marking		N ⊕ L - +										
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 5G1.5										
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		blue										
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		150.005 MJ										
Connector color		blue										
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		785.4 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		4055143386364
Customs tariff number		85444290900

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance			↓
891-8985/106-501			

Documentation

Bid Text			
891-8985/106-501	19.02.2019	xml 3.03 KB	↓
891-8985/106-501	02.12.2014	doc 25.50 KB	↓

CAD/CAE-Data

CAE data			
WSCAD Universe			↓
891-8985/106-501			

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