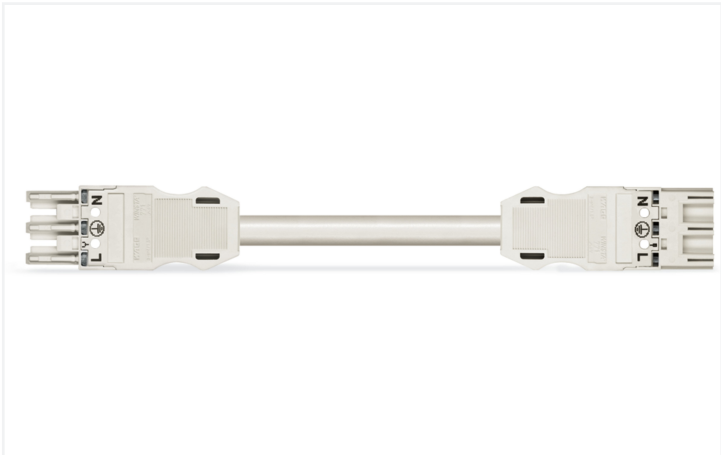
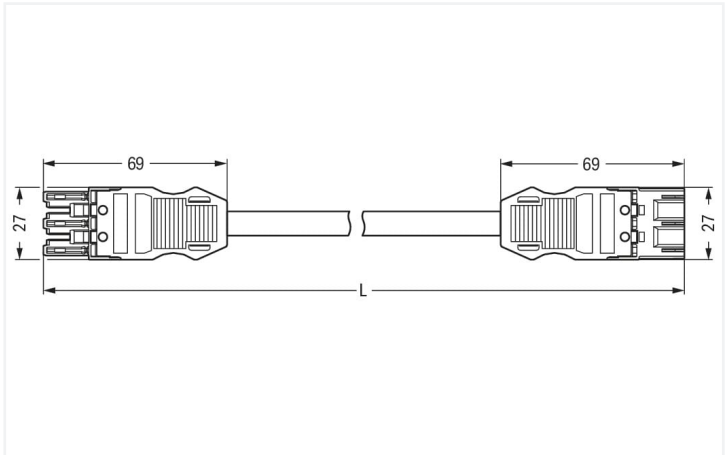




Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® MIDI with protection against mismating

For signal and power transmission: The *WINSTA*® MIDI cable assembly with protection type IP20. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in no time flat. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The plug-gable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised contact elements. Thanks to the color coding and mechanical A coding of *WINSTA*® MIDI pluggable installation connectors, you can clearly distinguish different circuits. This plug-gable installation connector is used for electrical currents up to 20 A. Thus the product is especially suitable for high power loads. Our *WINSTA*® MIDI product line guarantees flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures error-free, time-saving installation and offers customization and flexibility for meeting various installation requirements. 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.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are available. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose quality and durability – with fire class E from WAGO makes the installation of electrical components significantly easier.

- effective protection against mismating
- simple circuits
- with A coding for a large number of applications
- custom-engineered solutions
- 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	250 V	-	-	-		
Rated surge voltage	4 kV	-	-	-		
Rated current	20 A	-	-	-		



Connection data								
Total number of potentials	3	Connection 1 <table><tr><td>Pole number</td><td>3</td></tr><tr><td>Wire cross-section</td><td>2.5 mm²</td></tr><tr><td>Connection type</td><td>Socket - Plug</td></tr></table>	Pole number	3	Wire cross-section	2.5 mm²	Connection type	Socket - Plug
Pole number	3							
Wire cross-section	2.5 mm²							
Connection type	Socket - Plug							
PE function	Preceding PE contact							
Physical data								
Pin spacing	10 mm / 0.394 inches							
Width	27 mm / 1.063 inches							
Height	12.9 mm / 0.508 inches							
Total length	5 m							
Mechanical data								
Use	General mains applications							
Coding	A							
Variable coding	Yes							
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	Socket - Plug							
Type of pre-assembled cable	Interconnecting cable							
Cable type	H05VV-F 3G2.5							
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)							
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	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	149.436 MJ							
Connector color	white							
Strain relief color	white							
Printing color of strain relief	black							
Sheathed cable color	white							

Material data		
Printing color of sheathed cable		black
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC
Rubber cable		No
Weight		813.5 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		
Product Group		20 (Winsta)
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		DE
GTIN		4044918587358
Customs tariff number		85444290900

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7972
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834

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
771-9993/007-502

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Documentation

Bid Text

771-9993/007-502	19.02.2019	xml 2.90 KB	↓
771-9993/007-502	04.12.2014	doc 24.00 KB	↓
ausschreiben.de 771-9993/007-502			↓

CAD/CAE-Data

CAD data

2D/3D Models
771-9993/007-502

↓

CAE data

EPLAN Data Portal
771-9993/007-502

↓

WSCAD Universe
771-9993/007-502

↓

ZUKEN Portal
771-9993/007-502

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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



Item No.: 770-101
Locking lever; for flying leads; for manual operation; black



Item No.: 770-121
Locking lever; for flying leads; for manual operation; white



Item No.: 770-111
Locking lever; for flying leads; for tool operation; black



Item No.: 770-131
Locking lever; for flying leads; for tool operation; white



1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



[Item No.: 770-201](#)
Lockout cap; 12-pole, separable; for sockets; Plastic; black



[Item No.: 770-221](#)
Lockout cap; 12-pole, separable; for sockets; Plastic; white



[Item No.: 770-360](#)
Lockout cap; for plugs; 5-pole; separable; yellow



[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.: 770-310](#)
Mounting carrier; 2- to 5-pole; for flying leads; black

1.2.3 Marking

1.2.3.1 Marker



[Item No.: 770-450/000-006](#)
Marker card; Plastic; blue



[Item No.: 770-450/000-001](#)
Marker card; Plastic; green



[Item No.: 770-450/000-012](#)
Marker card; Plastic; orange



[Item No.: 770-450/000-005](#)
Marker card; Plastic; red



[Item No.: 770-450](#)
Marker card; Plastic; white



[Item No.: 770-450/000-002](#)
Marker card; Plastic; yellow

1.2.3.2 Marking strip



[Item No.: 210-334](#)
Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white