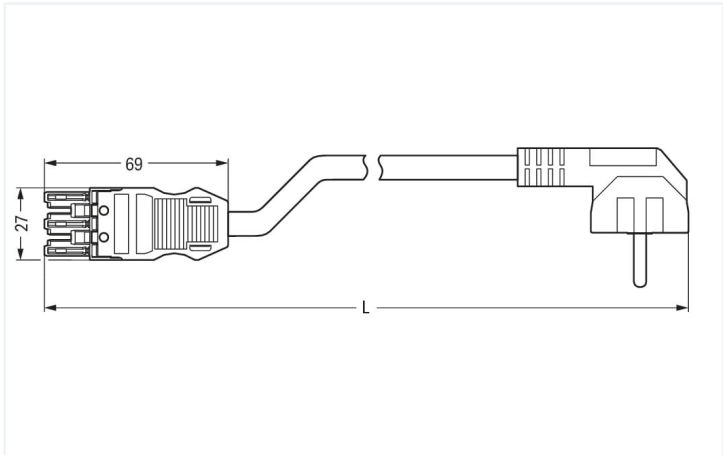




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MIDI A coding

For power and signal transmission: The WINSTA® MIDI cable assembly A coding. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The WINSTA® MIDI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 20 A – therefore it is also suitable for powerful loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure electrical installation. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and schuko plug, angled. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising quality and safety: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- for any mains application
- exact dimensions
- 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	250 V	-	-			
Rated surge voltage	4 kV	-	-			
Rated current	20 A	-	-			



Connection data		
Total number of potentials	3	Connection 1 Pole number3 Sheathed cable diameter9.2 ... 11.4 mm Wire cross-section2.5 mm² Connection typeSocket - SCHUKO plug, angled
PE function	Preceding PE contact	
Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	36.5 mm / 1.437 inches	
Height	56 mm / 2.205 inches	
Total length	1 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 - SCHUKO plug, angled	
Type of pre-assembled cable	Adapter 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	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	0.282 MJ	
Connector color	black	
Strain relief color	black	
Printing color of strain relief	white	



Material data		
Sheathed cable color		black
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC
Rubber cable		No
Weight		218 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 8.0		EC002587
ETIM 7.0		EC002587
PU (SPU)		1 pcs
Packaging type		unpacked
Country of origin		DE
GTIN		4050821260912
Customs tariff number		85444290900

Environmental Product Compliance		
CAS-No.		7439-92-1
REACH Candidate List Substance		Lead
RoHS Compliance Status		Compliant, No Exemption
SCIP notification number (Austria)		b5a6104c-f7fa-4153-af7d-70692570365b
SCIP notification number (Belgium)		3ebef71f-b63f-4e4d-ac0e-d34b69c956d5
SCIP notification number (Bulgaria)		9602e51f-1bac-41c0-b8c8-d5781d22a8af
SCIP notification number (Czech Republic)		6a15e912-3966-41a3-bafa-a6c415b83e39
SCIP notification number (Denmark)		2c6112c6-7f1f-436c-b3af-3a6fefe3a84e
SCIP notification number (Finland)		4a252143-ac94-4589-8d98-9a9b33ec929e
SCIP notification number (France)		41158841-4f13-41fe-b076-88b048b1f383
SCIP notification number (Germany)		25c4c84f-0dab-4e51-ad86-7e6bd584a744
SCIP notification number (Hungary)		53ded7c4-4353-42a5-ad92-d72a7d4198a9
SCIP notification number (Italy)		ef354645-7498-4726-b213-834c370df9df
SCIP notification number (Netherlands)		7b0002e2-aaa9-487e-9501-194bebf00cba
SCIP notification number (Poland)		a92020fb-5262-4b1c-9edc-1e203fdb505
SCIP notification number (Romania)		ae0d06dc-5560-4f4f-8882-cf49638d0f77
SCIP notification number (Sweden)		aa412a00-9750-4e96-8c3b-c34eb189aa39



Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

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 771-9993/307-101



Documentation

Bid Text
771-9993/307-101
19.02.2019
xml 2.96 KB
771-9993/307-101
19.02.2015
doc 23.00 KB



CAD/CAE-Data

CAE data
EPLAN Data Portal 771-9993/307-101



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.: 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