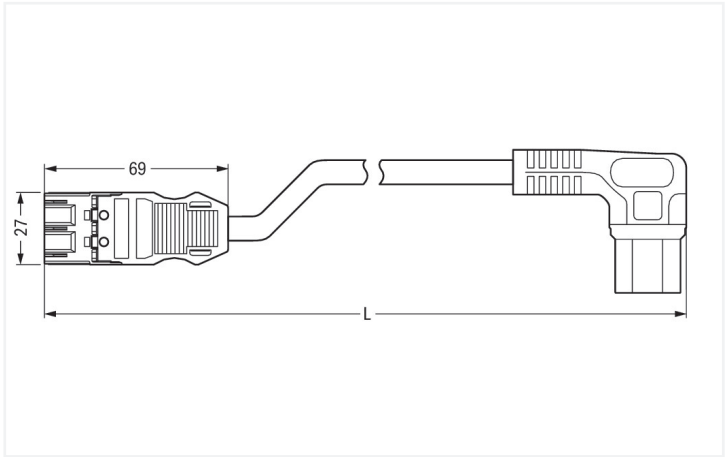




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MIDI rated current 10 A

The WINSTA® MIDI cable assembly A coding provides the foundation for assembly of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected against ingress by solid objects 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 black or white is usually used for general mains applications in power distribution. The WINSTA® MIDI product line allows total flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it achieves time-saving, error-free installation and offers flexibility and customization for meeting an enormous variety of installation requirements. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

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

The cable assembly is equipped with a plug and cold equipment coupling c13, angled. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with strain relief hosting from WAGO.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with A coding for use in many general mains applications
- custom-engineered solutions
- convenient installation and commissioning

Notes		
Note	Cables with a different fire class can be found in the eShop.	

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage	250 V	-	-	-
Rated surge voltage	4 kV	-	-	-
Rated current	10 A	-	-	-

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	3	Connection 1	
PE function	Preceding PE contact	Pole number	3
		Wire cross-section	1 mm²
		Connection type	Plug - Cold equipment coupling C13, angled

Physical data		
Pin spacing		10 mm / 0.394 inches
Width		48 mm / 1.89 inches
Height		19.5 mm / 0.768 inches
Total length		3 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		Plug - Cold equipment coupling C13, angled
Type of pre-assembled cable		Adapter cable
Cable type		H05VV-F 3G1
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)
Flammability class per UL94		V0
Fire class per EN 50575		E _{ca}
Contact material		Copper or copper alloy; surface-treated
Contact Plating		Tin
Fire load		30.329 MJ
Connector color		black
Strain relief color		black



Material data		
Printing color of strain relief		white
Sheathed cable color		black
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC
Rubber cable		No
Weight		264.3 g
Copper weight of the pipe		0.029 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		DE
GTIN		4045454525644
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)		dabf9f3a-e60b-4a31-a34c-0a21131617d7
SCIP notification number (Belgium)		2904b3b7-6f76-4b8d-b784-5caa7dad5e8
SCIP notification number (Bulgaria)		fe669414-cb79-450a-b9f4-e951e5ae6130
SCIP notification number (Czech Republic)		5150bac4-442f-456a-b311-f5c3d278c9a0
SCIP notification number (Denmark)		86121a8b-d013-41cc-95bd-f323297f3011
SCIP notification number (Finland)		74228a62-a2b8-42de-b384-4a7d1b1728f8
SCIP notification number (France)		e6309180-5079-4f48-a12c-ffa9f0fc37
SCIP notification number (Germany)		b943d534-0d61-409a-a562-e6b3bc18ef9a
SCIP notification number (Hungary)		fc6ef074-6ae1-4515-8473-3b92d41804fc
SCIP notification number (Italy)		9427b33e-cbea-4d87-aa6a-34d19f07d812
SCIP notification number (Netherlands)		629ebbf4-5a94-45d7-9bde-f2d2ddf41dbb
SCIP notification number (Poland)		47c03aee-319c-437d-bd79-16e43ca573e6
SCIP notification number (Romania)		38e8fcc7-aab2-47f7-a341-1e4d9aae6db5
SCIP notification number (Sweden)		09e3d3e6-4c72-4b47-be1f-86184b9f5825



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance			↓
771-9993/805-301			

Documentation

Bid Text			
771-9993/805-301	19.02.2019	xml 2.97 KB	↓
771-9993/805-301	04.12.2014	doc 23.50 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 771-9993/805-301	↓
WSCAD Universe 771-9993/805-301	↓

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.: 770-360](#)
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