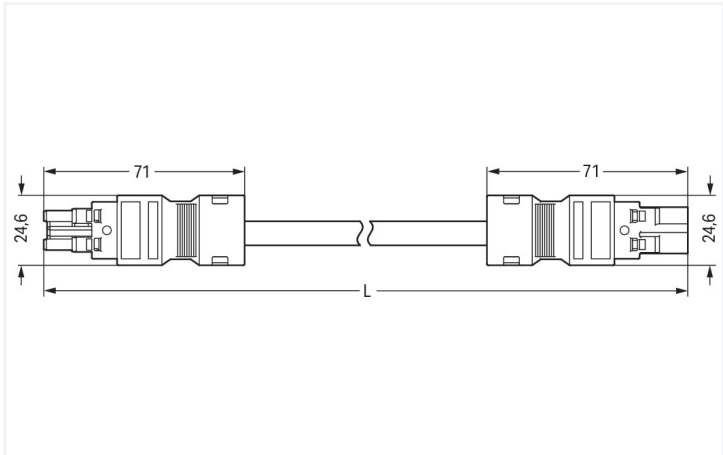
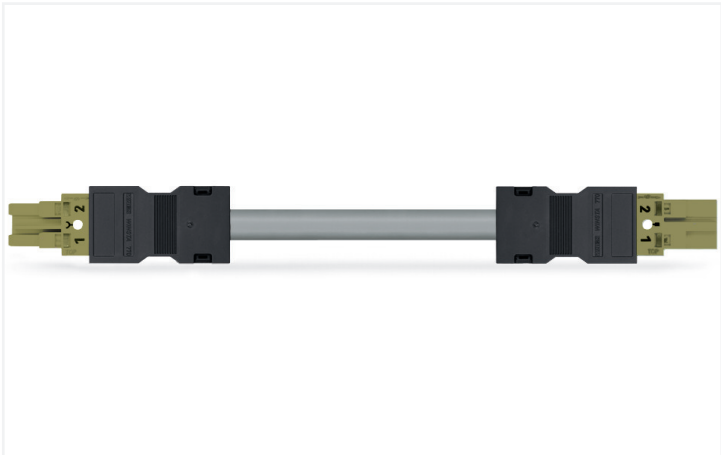




Dimensions in mm

Cable assembly *WINSTA*® MIDI with protection against mismating

For signal and power transmission: The *WINSTA*® MIDI cable assembly rated current 10 A. The pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow fast, 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 offers touch-proof protection 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!)). B coding enables the *WINSTA*® MIDI pluggable installation connectors to be used for application control in automation, mechanical engineering and robotics. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the integrated test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and expense. Mandatory compliance with fire protection regulations is an essential issue for building installation. Especially in sensitive areas, the fire class must meet or even exceed the high standards of requirements. This product complies with the requirements of fire class B2. In the production of this cable assembly, halogens were deliberately omitted. This is an important contribution to environmental protection.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The *WINSTA*® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also lower installation expenses without compromising quality and safety: The *WINSTA*® MIDI pluggable installation connector with marking reduces the need for servicing and prevents unnecessary down-time.

- effective protection against mismating
- for automation controllers
- with B coding for controllers such as sun blinds and lighting fixtures
- 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	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	10 A	-	-

Ratings per UL 1977

Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.
Rated voltage (UL 1977)	600 V
Rated current UL 1977	23 A

General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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Connection data

Total number of potentials	2
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Connection 1

Pole number	2
Sheathed cable diameter	5.9 ... 7.5 mm
Wire cross-section	1 mm²
Connection type	Socket - Plug

Physical data

Pin spacing	10 mm / 0.394 inches
Width	24.6 mm / 0.969 inches
Total length	1 m

Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2
Potential marking	1 2
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	H05Z1Z1-F 2x1
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 <i>WINSTA</i> ® 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
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	B2 _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.801 MJ
Connector color	light green
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	82.2 g
Copper weight of the pipe	0.0192 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	4055143758277
Customs tariff number	85444290900



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 771-8292/015-105	

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 771-8292/015-105	

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 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