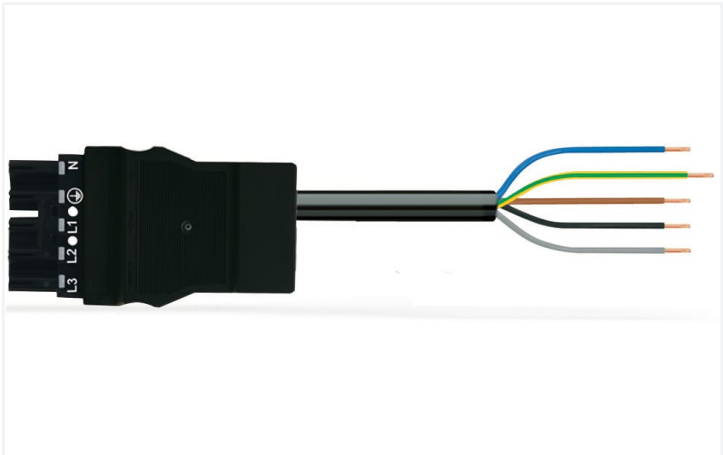
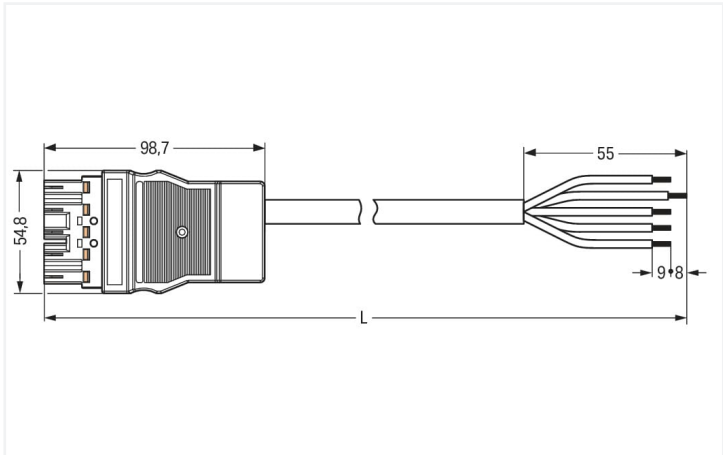




Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® MIDI with protection against mismating

The *WINSTA*® MIDI cable assembly 5-pole provides the foundation for assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors are used when criteria repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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!)). General mains applications for almost any domain of use can be realised with *WINSTA*® MIDI pluggable installation connectors with A coding. This pluggable installation connector is designed for a current load of up to 25 A. Thus, it can also be used for high power loads. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy and maximally flexible electrical installation. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Choose quality and durability – the *WINSTA*® MIDI pluggable installation connector with strain relief hosting from WAGO makes the installation of electrical components substantially easier.

- effective protection against mismating
- pre-assembled versions
- for any mains application
- exact dimensions
- quick replacement of defective units during ongoing operation

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		400 V	-	-
Rated surge voltage		6 kV	-	-
Rated current		25 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.		

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	5	Connection 1	
PE function	Preceding PE contact	Strip length	9 mm / 0.35 inches
Conductor preparation	ultrasonically tip-bonded	Pole number	5
		Sheathed cable diameter	13 ... 16.1 mm
		Wire cross-section	4 mm²
		Strip length (outer insulation)	55 mm
		Connection type	Plug - free end

Physical data

Pin spacing	10 mm / 0.394 inches
Width	54.8 mm / 2.157 inches
Height	21 mm / 0.827 inches
Total length	8 m

Mechanical data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	N L1 L2 L3
Potential marking	N L1 L2 L3
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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 5G4
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
Color	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.941 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	2920.2 g

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	4055143426107
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
Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7972	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834			



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance	771-8995/218-801		

Documentation

Bid Text			
771-8995/218-801	19.02.2019	xml 3.00 KB	
771-8995/218-801	16.03.2015	doc 26.00 KB	

CAD/CAE-Data

CAE data			
EPLAN Data Portal	771-8995/218-801		

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.: 897-2005
Protective cap; Type4; 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.: 210-333](#)
Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white