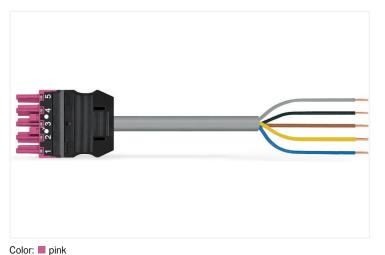
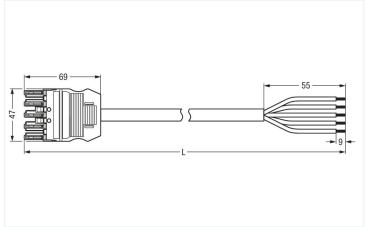
Data Sheet | Item Number: 771-9995/106-607

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 6 m; 1,50 mm²; pink









Dimensions in mm

Cable assembly WINSTA® MIDI B coding

The WINSTA® MIDI cable assembly rated current 16 A provides the foundation for assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when criteria repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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!)). B coding enables the WINSTA® MIDI pluggable installation connectors to be used for control in applications in the domains of automation, mechanical engineering and robotics. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates precise electrification. Thanks to the built-in test slot, connections can be checked even when they are plugged in. This saves time, labor, and money. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with strain relief hosting from WAGO.

- · effective protection against mismating
- · simple circuits
- with B coding for controllers such as sun blinds and lighting fixtures
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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/.

Page 1/5 Version 16.11.2023 Continued on next page



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	16 A	-	-	

General information	
Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/

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.

Connection data			
Total number of potentials	5	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	5	
	Sheathed cable diameter	9.3 11.6 mm	
	Wire cross-section	1.5 mm²	
	Strip length (outer insulation)	55 mm	
		Connection type	Socket - free end

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	47 mm / 1.85 inches	
Total length	6 m	

Mechanical data	
Application	Control technology
Coding	В
Variable coding	Yes
Marking	12345
Potential marking	12345
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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	Control line 5 x 1.5
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Data Sheet | Item Number: 771-9995/106-607 https://www.wago.com/771-9995/106-607



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	pink
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E_ca
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.517 MJ
Connector color	pink
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	1004.7 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	4055143463256
Customs tariff number	85444290900

Data Sheet | Item Number: 771-9995/106-607

https://www.wago.com/771-9995/106-607



Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

771-9995/106-607



Documentation

	Text

771-9995/106-607

xml 19.02.2019

05.06.2015

3.00 KB

771-9995/106-607

doc

26.00 KB



CAD/CAE-Data

CAE data

EPLAN Data Portal

771-9995/106-607



1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for manual



Item No.: 770-121

Locking lever; for flying leads; for manual operation; white





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







Lockout cap; 12-pole, separable; for sockets; Plastic; black

Item No.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white

Item No.: 897-2005

Protective cap; Type4; for sockets and plugs; PVC; red

Data Sheet | Item Number: 771-9995/106-607

https://www.wago.com/771-9995/106-607



1.2.2 Installation

1.2.2.1 Mounting accessories



<u>Item No.: 770-310</u>

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

<u>Item No.: 770-450/000-001</u> Marker card; Plastic; green Item No.: 770-450/000-012 Marker card; Plastic; orange Item No.: 770-450/000-005 Marker card; Plastic; red

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F

Marker pard Plantia

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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: $\underline{www.wago.com}$

Page 5/5 Version 16.11.2023