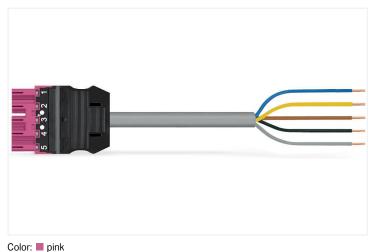
## Data Sheet | Item Number: 771-9995/206-307

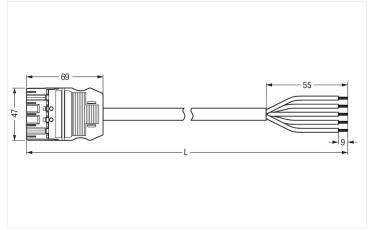
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; 3 m; 1,50

mm²; pink

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Dimensions in mm

Cable assembly WINSTA® MIDI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly with protection type IP20. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with energised elements. B coding enables the WINSTA® MIDI pluggable installation connectors to be used for application control in automation, mechanical engineering and robotics. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy, flexible, and secure installation. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at the construction site. Enjoy the benefits 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.

- · pluggable installation connectors with protection against mismating
- · pre-assembled versions
- with B coding for use in process automation, such as lighting technology, among other examples
- · ready for immediate use
- 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	400 V	-	-	
Rated surge voltage	6 kV	-	-	
Rated current	16 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** approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/ Note on contact resistance

Connection data			
Total number of potentials	5	Connection 1	
Conductor preparation ultrasonically tip-bonded	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 mm <sup>2</sup>
		Strip length (outer insulation)	55 mm
		Connection type	Plug - free end

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	47 mm / 1.85 inches	
Total length	3 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	Plug - 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!)

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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).

W	
Material data	
Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
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	0.599 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	512.6 g
Copper weight of the pipe	0.072 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
Note on continuous operating temperature	Cable for temperatures $\leq$ 70 °C (including halogen-free) Insulating parts for temperatures $\leq$ 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	4055143463348
Customs tariff number	85444290900

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## **Environmental Product Compliance**

RoHS Compliance Status

Compliant, No Exemption

## **Downloads**

## **Environmental Product Compliance**

## Compliance Search

**Environmental Product** 

Compliance 771-9995/206-307



#### Documentation

Bid Text	
771-9995/206-307	
	19.02.2019

771-9995/206-307

05.06.2015

doc 26.50 KB

xml 3.00 KB

## CAD/CAE-Data

#### CAD data

2D/3D Models 771-9995/206-307 CAE data

**EPLAN Data Portal** 

771-9995/206-307

**ZUKEN Portal** 771-9995/206-307

## 1 Compatible Products

## 1.1 Required Accessories

## 1.1.1 Locking system

operation; black

## 1.1.1.1 Locking system













Item No.: 770-101 Locking lever; for flying leads; for manual 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

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#### 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

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

caru, Flastic, green

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

1

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

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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

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