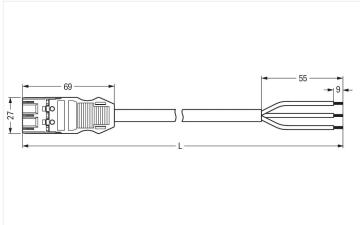
## Data Sheet | Item Number: 771-9293/216-603

pre-assembled connecting cable; B2ca; Plug/open-ended; 3-pole; Cod. B; 6 m; 1,50



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Dimensions in mm

### Cable assembly WINSTA® MIDI with protection type IP20

The WINSTA® MIDI cable assembly with protection against mismating allows assembly of solid and fine-stranded conductors. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in a large number of possible uses. 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 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!)). Solutions like the WINSTA® MIDI pluggable installation connectors with B coding are suitable for applications involving process control, such as for lighting or within data networks. The WINSTA® MIDI product line achieves maximum flexibility for the installation of applications. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers customization for meeting all installation requirements. If you need to satisfy stricter safety standards, you should use cables with fire class B2. These are suitable for use in buildings with very high demands on safety. Eliminating halogens as an additive in the manufacture of this cable assembly substantially improves fire safety and reduces environmental contamination.

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

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also lower installation costs without compromising quality and safety: The WINS-TA® MIDI pluggable installation connector with fire class B2 eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- pre-assembled versions
- · for automation controllers
- ready to install and use immediately
- · 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/.

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Electrical data				
Ratings per	IEC	C/EN 60664	-1	
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	250 V	-	-	
Rated surge voltage	4 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	3	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	3	
	Sheathed cable diameter	7.4 9.4 mm	
	Wire cross-section	1.5 mm²	
	Strip length (outer insulation)	55 mm	
		Connection type	Plug - free end

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	27 mm / 1.063 inches	
Total length	6 m	

Mechanical data	
Application	Control technology
Coding	В
Variable coding	Yes
Marking	123
Potential marking	123
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 3x1.5
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).

Material data	
Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	B2 <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.382 MJ
Connector color	gray
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	615.7 g
Copper weight of the pipe	0.043 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	4055143798785
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 771-9293/216-603



#### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 771-9293/216-603



## 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



Locking lever; for flying leads; for manual

Item No.: 770-121

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





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

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

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Item No.: 770-450

Marker card; Plastic; white

<u>Item No.: 770-450/000-002</u> 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!