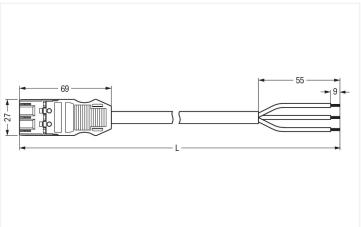
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pre-assembled connecting cable; B2ca; Plug/open-ended; 3-pole; Cod. B; 6 m; 1,00 mm²



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Dimensions in mm

Cable assembly WINSTA® MIDI B coding

For signal and power transmission: The *WINSTA*® MIDI cable assembly with protection type IP20. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is provided 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!)). Solutions like the *WINSTA*® MIDI pluggable installation connectors with B coding are suitable for process control, such as for lighting or within data networks. Our *WINSTA*® MIDI product line allows total flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers flexibility for meeting all installation requirements. Anyone who needs to worry about technical safety requirements related to fire protection for electrical installation should be able to rely on the quality of the components. Our product satisfies the strict safety standards of fire class B2. 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 are flame-resistant.

Pluggable connections instead of screw connections - cable assemblies from WAGO

A plug and a free end are provided. The WINSTA® Pluggable Connection System is ideally tailored to the 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 installation errors at the construction site. Choose durability and quality – the WINSTA® MIDI pluggable installation connector with fire class B2 from WAGO makes the installation of electrical components noticeably easier.

- · pluggable installation connectors with protection against mismating
- pre-assembled versions
- for automation controllers
- · custom-engineered solutions
- · fast, secure installation

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://



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	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	3	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	3	
	Sheathed cable diameter	6.3 8 mm	
	Wire cross-section	1 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
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)	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	0.33 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	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	436.5 g
Copper weight of the pipe	0.029 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	4055143809221
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 771-9293/215-607



CAD/CAE-Data

CAE data

EPLAN Data Portal 771-9293/215-607



1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

1.1.1.1 Locking system







Item No.: 770-111



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

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

Item No.: 770-121

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

Locking lever; for flying leads; for tool operation; black

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 Item No.: 770-450/000-005 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!

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

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