#### Data Sheet | Item Number: 771-9993/016-101

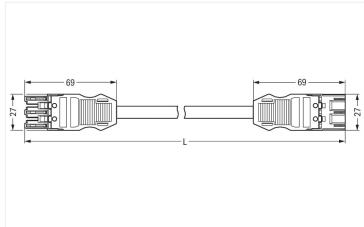
 $pre-assembled\ interconnecting\ cable;\ Eca;\ Socket/plug;\ 3-pole;\ Cod.\ A;\ H05Z1Z1-F$ 

3G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

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Color: ■ black

Cable assembly WINSTA® MIDI A coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly rated current 16 A. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specific grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 live contact elements. The WINSTA® MIDI pluggable installation connector with A coding in black or white is normally used for general mains applications in power distribution. 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. This product meets all the mandatory fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant. In the production of this cable assembly, halogens were deliberately omitted. That is an important contribution to climate protection.

Dimensions in mm

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

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- · pluggable installation connectors with protection against mismating
- simple circuits
- · with A coding for use in a large number of general mains applications
- · ready for immediate use
- convenient installation and commissioning

Notes	
Note	Cables with a different fire class can be found in the eShop.

Electrical data					
Ratings per	IEC	/EN 60664	-1	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 m $\Omega$ of contact resistance
Pollution degree	3	2	2		approx. 0.25 m $\Omega$ contact transition plug/ socket
Nominal voltage	250 V	-	-		000.101
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		

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Connection data			
Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Pole number	3
		Wire cross-section	1.5 mm²
		Connection type	Socket - Plug

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	27 mm / 1.063 inches
Height	12.9 mm / 0.508 inches
Total length	1 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	Yes
Marking	$L \oplus N$
Potential marking	$L \oplus N$
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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05Z1Z1-F 3G1.5
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 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	black
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	29.447 MJ
Connector color	black
Strain relief color	black
Printing color of strain relief	white

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Material data	
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	120.2 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 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4044918585460
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

# Approvals / Certificates

## General approvals

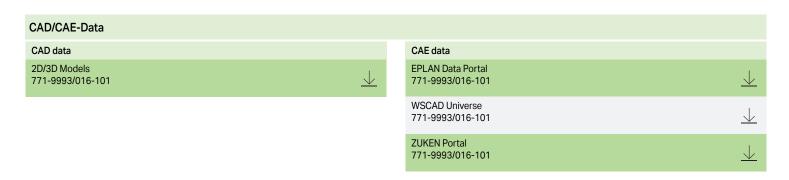


Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834



# Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 771-9993/016-101

Documentation			
Bid Text			
771-9993/016-101	19.02.2019	xml 2.93 KB	$\underline{\downarrow}$
771-9993/016-101	04.12.2014	doc 25.00 KB	$\underline{\downarrow}$
ausschreiben.de 771-9993/016-101			$\underline{\downarrow}$





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#### 1.2 Optional Accessories

#### 1.2.1 Cover

#### 1.2.1.1 Cover



<u>Item No.: 770-201</u> Lockout cap; 12-pole, separable; for sockets; Plastic; black Item No.: 770-221

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

A STATE

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

#### 1.2.3 Marking

#### 1.2.3.1 Marker



Item No.: 770-450/000-006

Marker card; Plastic; blue

9

Item No.: 770-450 Marker card; Plastic; white Fp.

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

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Item No.: 770-450/000-002 Marker card; Plastic; yellow F

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



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

#### 1.2.3.2 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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