Data Sheet | Item Number: 771-9993/016-501

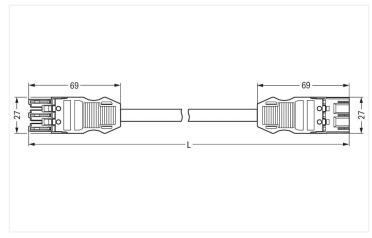
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F

3G 1.5 mm²; 5 m; 1,50 mm²; black

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Color: ■ black Dimensions in mm

Cable assembly WINSTA® MIDI 3-pole

The WINSTA® MIDI cable assembly rated current 16 A supports fast, reliable installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in seconds. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including 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!)). Thanks to the color coding and mechanical A coding of WINSTA® MIDI pluggable installation connectors, you can clearly distinguish different circuits. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure installation. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Now you can also cut installation costs without compromising safety and quality: with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- · protection against mismating eliminates errors
- for automation controllers
- with A coding for use in many general mains applications
- · 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.

Electrical data					
Ratings per	IEC	/EN 60664	-1	General information	
Overvoltage category	III	III	II	Note on contact resistance	approx. 1 m Ω of contact resistance
Pollution degree	3	2	2		approx. 0.25 m Ω 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	Preceding PE contact	Pole number	3
	Wire cross-section	1.5 mm ²	
	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	5 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	Yes
Marking	$L \oplus N$
Potential marking	L⊕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)	
	<u>Information on material specifications can be found here</u>
Color	black
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	149.447 MJ
Connector color	black
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black

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Material data	
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	510.2 g
Copper weight of the pipe	0.043 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
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	4044918585569
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

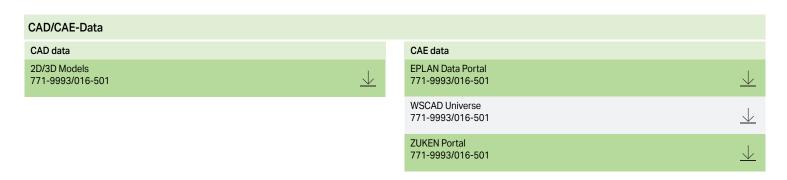


Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834



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Documentation			
Bid Text			
771-9993/016-501	19.02.2019	xml 2.93 KB	$\underline{\downarrow}$
771-9993/016-501	04.12.2014	doc 25.00 KB	$\underline{\downarrow}$
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1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black

Item No.: 770-221

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

Protective cap; Type2; for sockets and

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



Item No.: 770-450/000-006

Marker card; Plastic; blue

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

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



Item No.: 770-450/000-002

Marker card; Plastic; yellow



Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable;

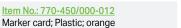
Item No.: 897-2003

plugs; PVC; red

1.2.3.1 Marker









Item No.: 770-450/000-005

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:: www.wago.com

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