Data Sheet | Item Number: 771-9993/016-201

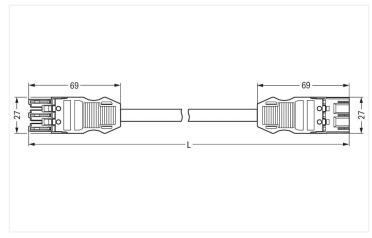
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F

3G 1.5 mm²; 2 m; 1,50 mm²; black

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Color: ■ black Dimensions in mm

Cable assembly WINSTA® MIDI A coding

The WINSTA® MIDI cable assembly rated current 16 A is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Our pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow flexible, error-free installation in numerous applications. 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 is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). General mains applications for almost any domain of use can be implemented with WINSTA® MIDI pluggable installation connectors with A coding. The WINSTA® MIDI product line achieves maximum flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it achieves error-free, time-saving installation and offers customization for meeting all installation requirements. 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. Not using halogen additives in the manufacture of this cable assembly significantly improves fire safety and reduces environmental contamination.

Fast, secure pluggable 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 allows fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with fire class E from WAGO makes the electrical installation of electrical components visibly easier.

- · pluggable installation connectors with protection against mismating
- for automation controllers
- · for any mains application
- · custom-engineered solutions
- rapid, structured electrical installation

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	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	2 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	Yes
Marking	L⊕ 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)	
	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 _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	59.477 MJ
Connector color	black
Strain relief color	black
Printing color of strain relief	white

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Material dataSheathed cable colorblackPrinting color of sheathed cablewhiteHalogen-freeYesSilicon-freeYesSheath materialHalogen-freeRubber cableNoWeight217.8 g		*
Printing color of sheathed cablewhiteHalogen-freeYesSilicon-freeYesSheath materialHalogen-freeRubber cableNoWeight217.8 g	Material data	
Halogen-freeYesSilicon-freeYesSheath materialHalogen-freeRubber cableNoWeight217.8 g	Sheathed cable color	black
Silicon-free Yes Sheath material Halogen-free Rubber cable Weight 217.8 g	Printing color of sheathed cable	white
Sheath material Halogen-free Rubber cable No Weight 217.8 g	Halogen-free	Yes
Rubber cable No 217.8 g	Silicon-free	Yes
Weight 217.8 g	Sheath material	Halogen-free
	Rubber cable	No
One amount what of the order	Weight	217.8 g
Copper weight of the pipe 0.043 kg/m	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	4044918585507
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

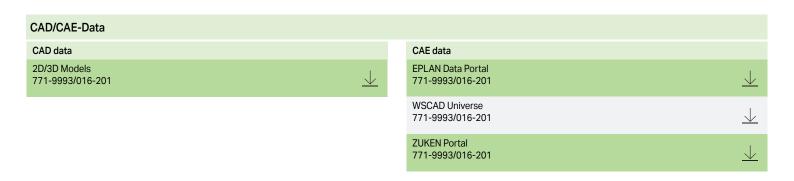


Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834



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Documentation			
Bid Text			
771-9993/016-201	19.02.2019	xml 2.93 KB	$\underline{\downarrow}$
771-9993/016-201	04.12.2014	doc 25.00 KB	$\underline{\downarrow}$
ausschreiben.de 771-9993/016-201			$\underline{\downarrow}$





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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 plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



leads; black

1.2.3 Marking

1.2.3.1 Marker



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

Item No.: 770-310

Mounting carrier; 2- to 5-pole; for flying



Item No.: 770-450/000-012

Item No.: 770-450/000-005 Marker card; Plastic; orange 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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