

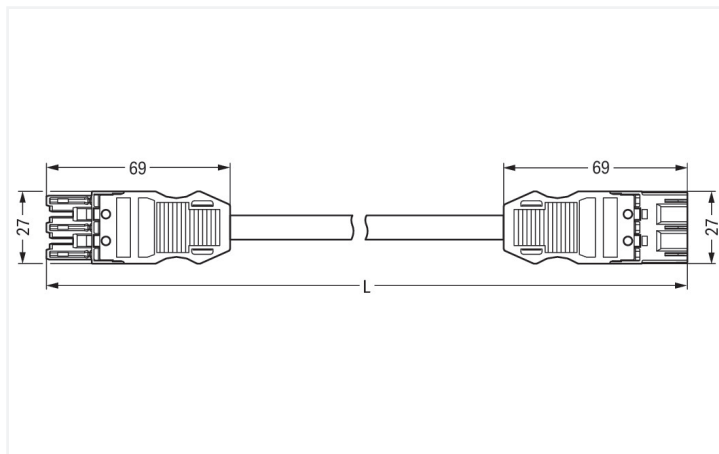
## Data Sheet | Item Number: 771-9993/016-302

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F  
3G 1.5 mm<sup>2</sup>; 3 m; 1,50 mm<sup>2</sup>; white

<https://www.wago.com/771-9993/016-302>



Color: ■ white



Dimensions in mm

Cable assembly WINSTA® MIDI rated current 16 A

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly rated current 16 A. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow flexible, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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!)). Standard mains applications for almost any domain of use can be implemented with WINSTA® MIDI pluggable installation connectors with A coding. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the integrated test slot, connections can be checked even when they are plugged in. This saves time, labor, and money. This product meets all the relevant safety requirements of fire class E; therefore it can be used in areas where fire safety is relevant. In the production of this cable assembly, we eliminated the use of halogen. That is an important contribution to environmental protection.

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

A socket and a plug are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. 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 mismatching
- pre-assembled versions
- with A coding for use in many general mains applications
- flexible installation to save space
- fast, secure 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 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2		
Nominal voltage	250 V	-	-		
Rated impulse withstand voltage	4 kV	-	-		
Rated current	16 A	-	-		

## Connection data

Total number of potentials	3	<b>Connection 1</b>	
PE function	Preceding PE contact	Pole number	3
		Wire cross-section	1.5 mm <sup>2</sup>
		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	3 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)	<a href="#">Information on material specifications can be found here</a>
Color	white
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	89.45 MJ
Connector color	white
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	315.4 g
Copper weight of the raw cable	0.043 kg/m

### Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4044918587426
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 8.0	EC002587
ECCN	NO US CLASSIFICATION

### 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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](http://www.wago.com)