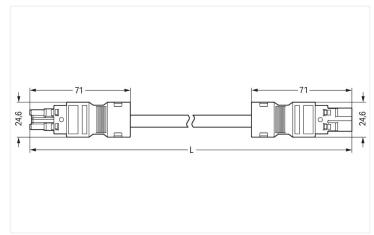
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. L; H05Z1Z1-F

2 x 1,50 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>; dark gray

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Color: ■ dark gray

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 with protection against mismating. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in no time flat. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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 2- or 5-pole version of the dark grey WINSTA® MIDI pluggable installation connectors with L coding allows use of an emergency power supply. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Thanks to the included test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and expense. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant. Eliminating halogens as an additive in the production of this cable assembly noticeably improves fire safety and minimises environmental pollution.

Fast, error-free assembly thanks to 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 error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with protection against mismating from WAGO.

- · pluggable installation connectors with protection against mismating
- · pre-assembled versions
- with L coding for supplying power in automation
- · 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	l-1	Ratings per UL 1977	
Overvoltage category	III	III	II	Note for the US market	Some versions may also be used for cur-
Pollution degree	3	2	2		rent interruption in accordance with the UL certificate in select applications with
Nominal voltage	250 V	-	-		currents below 16 A and voltages up to
Rated surge voltage	4 kV	-	-		600 V. For further information, please contact your local sales office.
Rated current	16 A	-	-		contact year 1000 onloo.

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Socket - Plug

### **General information**

Note on contact resistance

approx. 1 m  $\Omega$  of contact resistance approx. 0.25 m  $\Omega$  contact transition plug/

Connection data			
Total number of potentials	2	Connection 1	
		Pole number	2
		Sheathed cable diameter	6.8 8.6 mm
		Wire cross-section	1.5 mm²

Connection type

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	24.6 mm / 0.969 inches
Height	15.9 mm / 0.626 inches
Total length	7 m

Mechanical data	
Application	Emergency power supply
Coding	L
Variable coding	No
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 2x1.5
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).

## Data Sheet | Item Number: 771-8982/016-703 https://www.wago.com/771-8982/016-703



Material data	
Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	dark gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Fire class per EN 50575	$E_ca$
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	209.541 MJ
Connector color	dark gray
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	570.9 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	4055143474078
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approva	ls / Cer	tificates
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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

### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

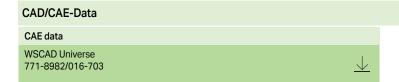
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Compliance 771-8982/016-703

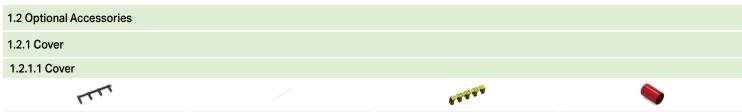


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Documentation			
Bid Text			
771-8982/016-703	19.02.2019	xml 2.94 KB	<u>↓</u>
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| Item No.: 770-201 | Item No.: 770-221 | Item No.: 770-360 | Item No.: 897-2003 | Item No.:

https://www.wago.com/771-8982/016-703



### 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 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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