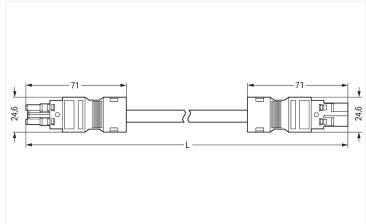
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. L; H05Z1Z1-F

2 x 2.5 mm²; 4 m; 2,50 mm²; dark gray

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Color: ■ dark gray

Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly L coding. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in no time flat. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector offers touch-proof protection 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!)). L coding identifies WINSTA® MIDI pluggable installation connectors as used for in applications related to supplying power in automation. The rated current and voltage are important criteria for selecting a pluggable installation connector: They tell us about the product's domains of use. This product has a current rating of 20 A – so it is also suitable for high power loads. 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. This saves time, labor, and money. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant. Not using halogen additives in the production of this cable assembly substantially increases fire safety and minimises environmental contamination.

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 consequently more efficient, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Now you can also cut installation expenses without compromising quality and safety: The WINSTA® MIDI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- · protection against mismating eliminates errors
- pre-assembled versions
- · with L coding for use in supplying power to power supply units or small servo motors
- ready for immediate use
- 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	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	20 A	_	_		deritade year loodredied erried.

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General information

Note on contact resistance approx. 1 m Ω of contact resistance

approx. 0.25 m Ω contact transition plug/

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Connection	data

nber of potentials	2	Connection 1	
		Pole number	2
		Sheathed cable diameter	8.4 10.6 mm
		Wire cross-section	2.5 mm²
		Connection type	Socket - Plug

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riiysicai data	
Pin spacing	10 mm / 0.394 inches
Width	24.6 mm / 0.969 inches
Height	15.9 mm / 0.626 inches
Total length	4 m

Mechanical data

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 2x2.5
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: 771-8982/017-403 https://www.wago.com/771-8982/017-403



Material data	
Note (material data)	Information on material specifications can be found here
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	119.539 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	528.7 g
Copper weight of the pipe	0.048 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	4055143480642
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-7972
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 771-8982/017-403

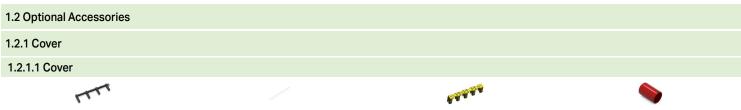


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Documentation			
Bid Text			
771-8982/017-403	19.02.2019	xml 2.94 KB	\perp
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CAD/CAE-Data CAE data WSCAD Universe 771-8982/017-403





| Item No.: 770-201 | Item No.: 770-360 | Item No.: 897-2003 | Item No.:

https://www.wago.com/771-8982/017-403



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!

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