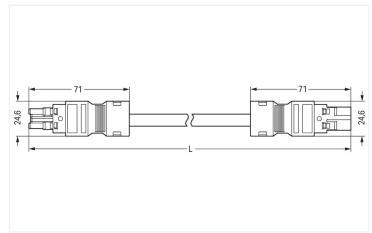
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. L; H05Z1Z1-F

2 x 2.5 mm<sup>2</sup>; 2 m; 2,50 mm<sup>2</sup>; dark gray

https://www.wago.com/771-8982/017-204







Color: ■ dark gray

Dimensions in mm

#### Cable assembly WINSTA® MIDI L coding

The WINSTA® MIDI cable assembly with protection against mismating provides the foundation for assembly of fine-stranded and solid conductors. WA-GO pluggable installation connectors can be used when requirements repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is equipped 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!)). WINSTA® MIDI pluggable installation connectors with L coding (2-pole or 5-pole) are ideal for supplying power to power supply units or small servo motors. This pluggable installation connector can be used for electrical currents up to 20 A. Thus the product is also suitable for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy, flexible, and secure electrical 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 increases the fire class, since halogen-free materials are flame-resistant.

Pluggable connections instead of screw connections - cable assemblies from WAGO

The cable assembly is provided 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. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with protection type IP20 from WAGO.

- · effective protection against mismating
- · pre-assembled versions
- with L coding for use in supplying power to power supply units or small servo motors
- · ready to install and use immediately
- 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	-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	-	-		contact your local calco cines.

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#### **General information**

Note on contact resistance approx. 1 m $\Omega$  of contact

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

nnection data			
otal number 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

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	2 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 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).



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	59.391 MJ
Connector color	dark gray
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	274.5 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	4055143480666
Customs tariff number	85444290900

<b>Environmental Product Compliance</b>	
RoHS Compliance Status	Compliant,No Exemption

# Approvals / Certificates

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

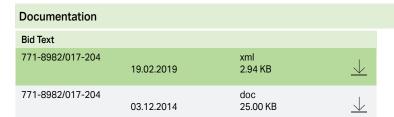
Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

https://www.wago.com/771-8982/017-204



# **Downloads Environmental Product Compliance** Compliance Search

**Environmental Product** Compliance 771-8982/017-204



# CAD/CAE-Data CAE data WSCAD Universe 771-8982/017-204

# 1 Compatible Products 1.1 Required Accessories 1.1.1 Locking system 1.1.1.1 Locking system Item No.: 770-121 Item No.: 770-111 Item No.: 770-101

Locking lever; for flying leads; for manual Locking lever; for flying leads; for manual operation; black operation; white operation; black

Locking lever; for flying leads; for tool

Item No.: 770-131 Locking lever; for flying leads; for tool operation; white

#### 1.2 Optional Accessories

#### 1.2.1 Cover

### 1.2.1.1 Cover







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

Item No.: 770-221

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

Item No.: 770-360 Lockout cap; for plugs; 5-pole; separable;

Item No.: 897-2003 Protective cap; Type2; for sockets and plugs; PVC; red

yellow

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# 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!

Page 5/5 Version 15.11.2023