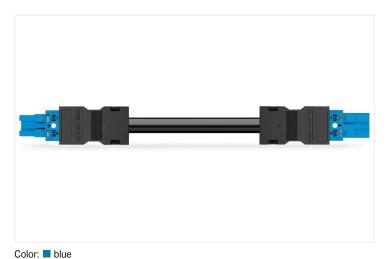
Data Sheet | Item Number: 771-8982/016-401

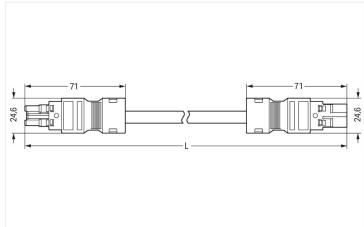
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05Z1Z1-F

2 x 1,50 mm²; 4 m; 1,50 mm²; blue

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Dimensions in mm

Cable assembly WINSTA® MIDI I coding

The WINSTA® MIDI cable assembly I coding supports fast, reliable installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical 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!)). Regulated lighting equipment, as used in the DALI standard, for example, is the main application of WINSTA® MIDI pluggable installation connectors with I coding. The WINSTA® MIDI product line guarantees flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it achieves error-free, time-saving installation and offers flexibility and customization for meeting various installation requirements. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable. In the production of this cable assembly, we eliminated the use of halogen. That is an important contribution to climate protection.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismating from WAGO.

- pluggable installation connectors with protection against mismating
- · simple circuits
- with I coding for use in the automation of buildings (lighting control)
- exact dimensions
- · 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	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 mΩ contact transition plug/ socket
Nominal voltage	250 V	-	-		333.61
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		

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Physical data

Retention force of a plug-in connection

Unmating force of a plug-in connection

Number of mating cycles



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	Socket - Plug

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	
Use	DALI, Lighting Management
Coding	1
Variable coding	No
Marking	DA+ DA-
Potential marking	DA+ DA-
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)

 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,

when locked: > 80N

200, without resistive load

when unlocked: approx. 20 ... 70 N (depending on pole number)

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)	
	<u>Information on material specifications can be found here</u>
Color	blue
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	119.512 MJ
Connector color	blue
Strain relief color	black

Data Sheet | Item Number: 771-8982/016-401 https://www.wago.com/771-8982/016-401

Approvals / Certificates



Material data	
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	335.9 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 \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 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	4050821105084
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

General approvals			Declarations of confo	rmity and manufacturer	's declarations
CCA KEWA			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Conformity	-	-

CCA INSON			Approvai	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Conformity	-	-
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355	WAGO GmbH & Co. KG UK-Declaration of Confor-	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123834	mity WAGO GmbH & Co. KG		

Data Sheet | Item Number: 771-8982/016-401

https://www.wago.com/771-8982/016-401

Compliance 771-8982/016-401

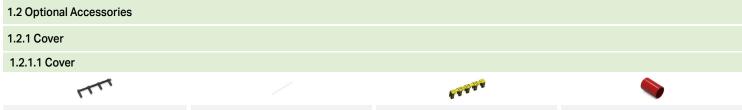


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Documentation			
Bid Text			
771-8982/016-401	19.02.2019	xml 2.98 KB	$\underline{\downarrow}$
771-8982/016-401	03.12.2014	doc 25.00 KB	\downarrow

CAD/CAE-Data CAE data WSCAD Universe 771-8982/016-401





| Item No.: 770-201 | Item No.: 770-221 | Lockout cap; 12-pole, separable; for sockets; Plastic; black | Item No.: 897-2003 | Protective cap; Type2; for sockets and plugs; PVC; red

Data Sheet | Item Number: 771-8982/016-401

https://www.wago.com/771-8982/016-401



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 12.07.2024