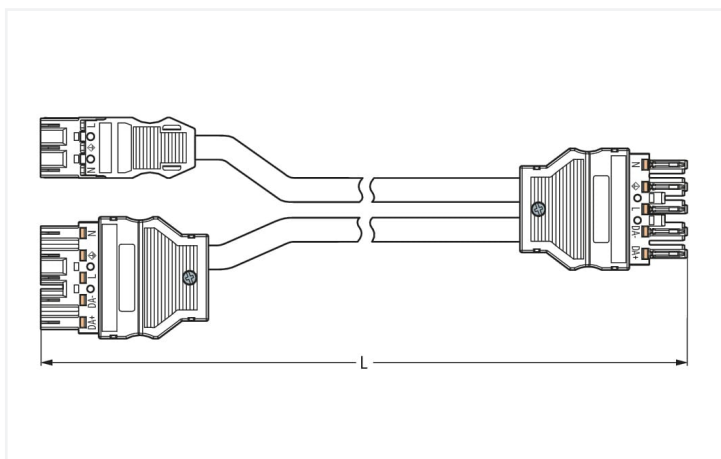
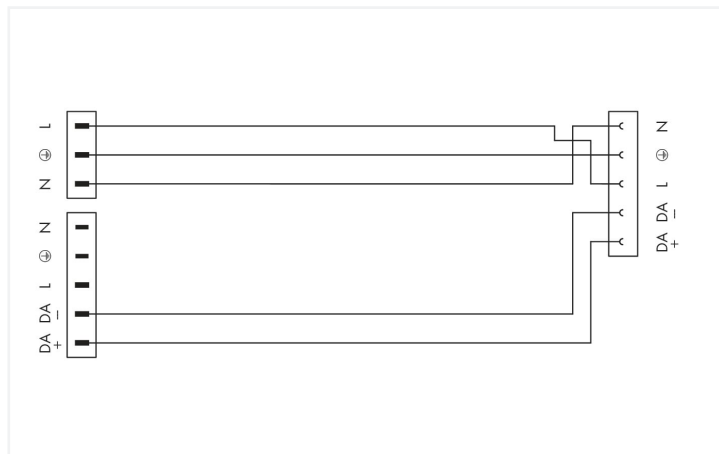


Data Sheet | Item Number: 771-5001/223-000

pre-assembled Y-cable; Cca; 2 x plug/socket; 3-pole + 5-pole/5-pole; Cod. A/I;
H05Z1Z1-F 2 x 1,50 mm²; H05Z1Z1-F 3G 2.5 mm²; 0.5 m; 1,50 mm²

<https://www.wago.com/771-5001/223-000>



Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismating

The WINSTA® MIDI cable assembly with protection against mismating allows installation of solid and fine-stranded conductors. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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!)). That results in the fact that users' fingers will never come into contact with live elements. General mains applications for almost any domain of use can be realised with WINSTA® MIDI pluggable installation connectors with A coding. 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 and maximally flexible installation. Anyone who needs to take into account technical safety requirements for fire protection reasons for electrical installation should use only top quality components. Our product meets the official safety standards of fire class C. In the manufacturing 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 is pre-assembled with a MIDI plug, a MIDI plug and a MIDI socket. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Now you can also lower installation expenses without compromising safety and quality: with fire class C eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- simple circuits
- with A coding for a large number of 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	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	16 A	-	-

Ratings per UL 1977	
Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection data	
Total number of potentials	5

Connection 1	
Pole number	3
Sheathed cable diameter	6.8 ... 8.6 mm
Wire cross-section	1.5 mm²
Connection type	MIDI plug; MIDI plug - MIDI socket

Connection 2	
Pole number 2	5
Sheathed cable diameter 2	9.2 ... 11.4 mm
Wire cross-section (2)	2.5 mm²

Connection 3	
Pole number 3	5

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	81.6 mm / 3.213 inches
Height	17 mm / 0.669 inches
Total length	0.5 m

Mechanical data	
Application	DALI, Lighting Management
Coding	A
Coding 2	I
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	MIDI plug; MIDI plug - MIDI socket
Type of pre-assembled cable	Y-cable
Cable type	H05Z1Z1-F 2x1.5
Cable type 2	H05Z1Z1-F 3G2.5
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 <i>WINSTA</i> ® 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)	Information on material specifications can be found here
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	C _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	2.359 MJ
Connector color	blue
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Sheathed cable color 2	black
Printing color of sheathed cable 2	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	182.4 g
Copper weight of the pipe	0.072 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	4055143812023
Customs tariff number	85444290900



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 771-5001/223-000	

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

Item No.: 770-101 Locking lever; for flying leads; for manual operation; black	Item No.: 770-121 Locking lever; for flying leads; for manual operation; white	Item No.: 770-111 Locking lever; for flying leads; for tool operation; black	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

Item No.: 770-201 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; yellow

1.2.2 Marking

1.2.2.1 Marker

Item No.: 770-450/000-006 Marker card; Plastic; blue	Item No.: 770-450/000-001 Marker card; Plastic; green	Item No.: 770-450/000-012 Marker card; Plastic; orange	Item No.: 770-450/000-005 Marker card; Plastic; red
Item No.: 770-450 Marker card; Plastic; white	Item No.: 770-450/000-002 Marker card; Plastic; yellow		

1.2.2.2 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