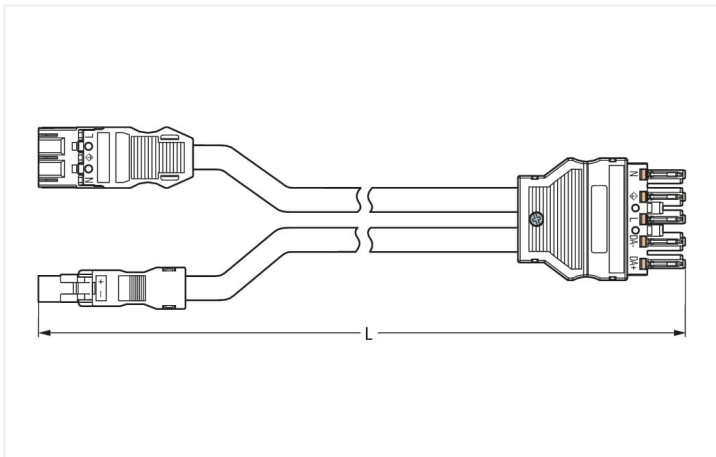
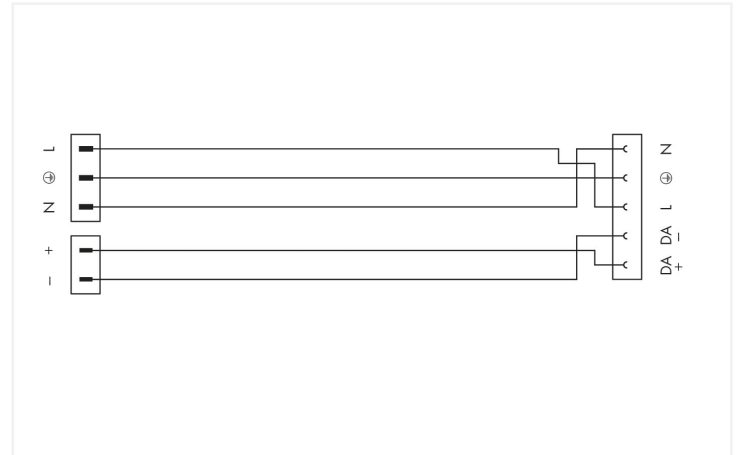


Data Sheet | Item Number: 771-5001/183-000

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

<https://www.wago.com/771-5001/183-000>



Dimensions in mm

Cable assembly WINSTA® MIDI 5-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI cable assembly I coding. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. 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 energised contact elements. I coding in blue is used to mark WINSTA® MIDI pluggable installation connectors, which are used above all in automation of buildings for activating lighting. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy and maximally flexible electrical installation. This product meets all the relevant safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant. Not using halogen additives in the production of this cable assembly substantially increases fire safety and reduces environmental pollution.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A MIDI plug, mini plug and a MIDI socket are provided. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Now you can also cut installation costs without compromising safety and quality: The WINSTA® MIDI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- simple circuits
- for intelligent, easy lighting installation
- flexible installation to save space
- 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	
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	5
Sheathed cable diameter	6.8 ... 8.6 mm
Wire cross-section	1.5 mm²
Connection type	MIDI plug; Plug, MINI - MIDI socket

Connection 2	
Pole number 2	2
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	54.6 mm / 2.15 inches
Height	17 mm / 0.669 inches
Total length	0.5 m

Mechanical data	
Application	DALI, Lighting Management
Coding	I
Coding 2	A
Variable coding	No
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; Plug, MINI - 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	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	29.528 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	152.5 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	4055143265010
Customs tariff number	85444290900



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 771-5001/183-000	

Documentation

Bid Text			
771-5001/183-000	19.02.2019	xml 3.09 KB	
771-5001/183-000	19.02.2015	doc 25.50 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 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

1.1.2 Locking system

1.1.2.1 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

1.1.3 Marking

1.1.3.1 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



1.1.3.2 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

Item No.: 210-333
Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white