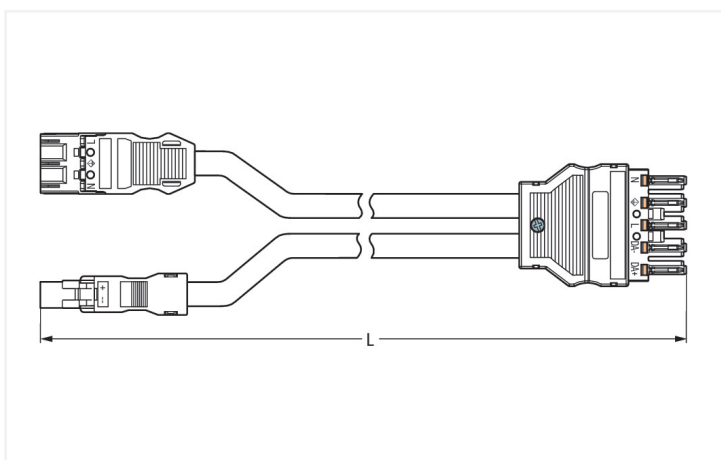
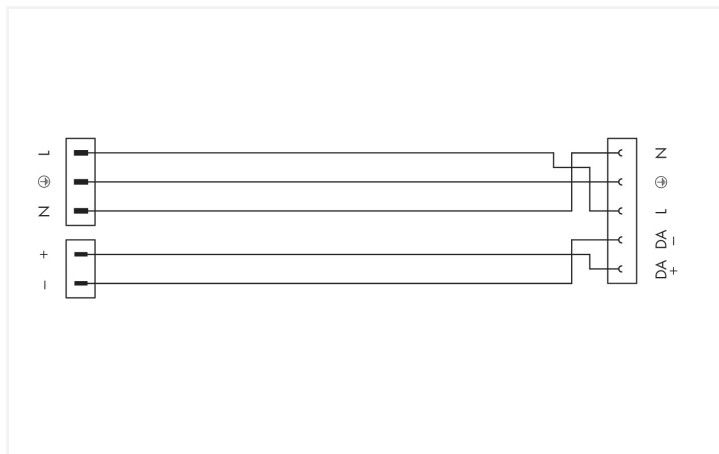


## Data Sheet | Item Number: 771-5001/182-000

pre-assembled Y-cable; Eca; 2 x plug/socket; 3-pole + 2-pole/5-pole; Cod. A/I;  
H05VV-F 3G 2.5 mm<sup>2</sup>; H05VV-F 2 x 1.5 mm<sup>2</sup>; 0.5 m; 2,50 mm<sup>2</sup>

<https://www.wago.com/771-5001/182-000>



Dimensions in mm

### Cable assembly WINSTA® MIDI with strain relief

For power and signal transmission: The WINSTA® MIDI cable assembly with protection against mismatching. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. 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!)). Controlled lighting equipment, as implemented with the DALI standard, for example, is the main application of WINSTA® MIDI pluggable installation connectors with I coding. 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, flexible, and secure installation. This product meets all the mandatory fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant.

### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a MIDI plug, plug, mini and a MIDI socket. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising quality and safety: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- simple circuits
- with I coding for controlling light (DALI standard)
- 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		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	16 A	-	-

## 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  
Wire cross-section 1.5 mm<sup>2</sup>  
Connection type MIDI plug; Plug, MINI - MIDI socket

## Connection 2

Pole number 2  
Sheathed cable diameter 9.2 ... 11.4 mm  
Wire cross-section 2.5 mm<sup>2</sup>

## Connection 3

Pole number 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

Use	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	H05VV-F 2x1.5
Cable type 2	H05VV-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 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="#">Information on material specifications can be found here</a>
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	29.12 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	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	155.5 g
Copper weight of the raw cable	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

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143258975
Customs tariff number	85444290900

**Product Classification**

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

Compliance Search

Environmental Product Compliance 771-5001/182-000	
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**Documentation**

Bid Text

771-5001/182-000	19.02.2019	xml 3.06 KB	
771-5001/182-000	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