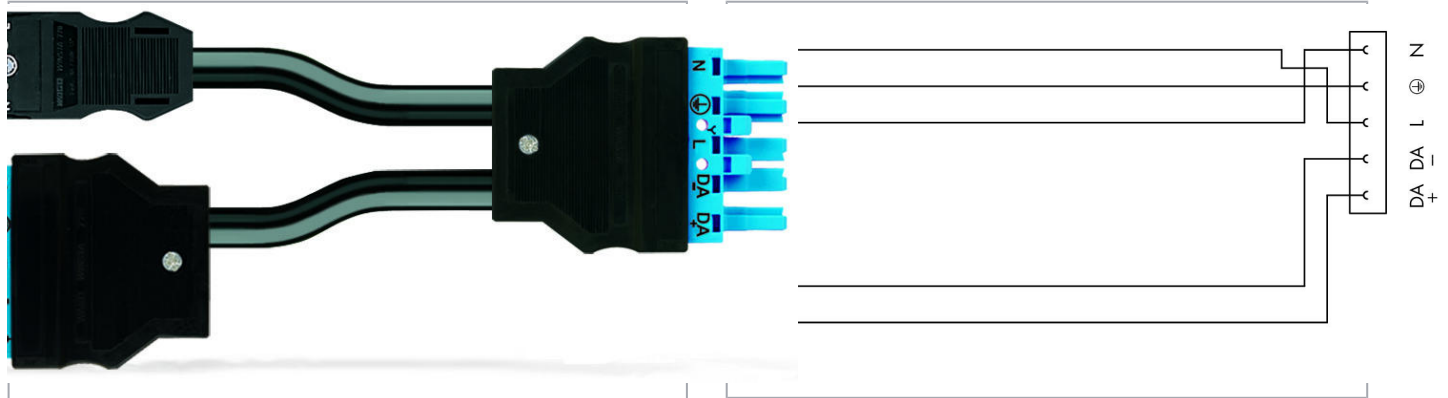


## Data sheet | Item number: 771-5001/181-000

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

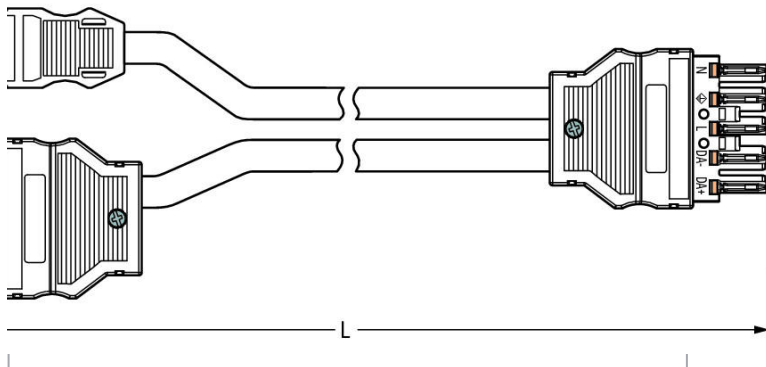


[www.wago.com/771-5001\\_181-000](http://www.wago.com/771-5001_181-000)



RoHS  
Compliant ✓

[BOMcheck.net](https://www.bomcheck.net)



### Item description

- Protected against mismatching and maintenance-free

#### Note:

Cables with a different fire class can be found in the eShop.

Subject to changes. Please also observe the further product documentation!

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## Data

### Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Ratings per UL

Hinweis für den amerikanischen Markt	Application note for the U.S. market (USR): 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.
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### Connection data

Pole number 2	5
Pole number 3	5
Total number of potentials	5
Conductor preparation	tip-bonded
Sheathed cable diameter	6.8 ... 8.6 mm
Wire cross-section	1.5 mm <sup>2</sup>
Sheathed cable diameter 2	9.2 ... 11.4 mm
Wire cross-section 2	2.5 mm <sup>2</sup>
Connection type	MIDI plug; MIDI plug - MIDI socket

### Physical data

Pin spacing	10 mm / 0.394 inch
Total length	0.5 m

### Mechanical data

Type of cable 2	H05Z1Z1-F 3G2.5
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Subject to changes. Please also observe the further product documentation!



Application	DALI, Lighting Management
Coding	A
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
Protection type	IP20
Note on protection type	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 <sup>®</sup> 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

### Material data

Color	black/blue
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	28.725 MJ
Halogen-free	Yes
Sheath material	Halogenfrei
Weight	176.8 g
Copper weight of the cable	0.072 kg/m

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free)

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Insulating parts for temperatures  $\leq 105\text{ }^{\circ}\text{C}$ 

## Commercial data

PU (SPU)	1 Stück
Packaging type	not packed
Country of origin	DE
GTIN	4055143262316
Customs tariff number	85444290900




## Required accessories

### Locking lever




	<b>Item no.: 770-101</b> Locking lever; for flying leads; for manual operation; black	<a href="http://www.wago.com/770-101">www.wago.com/770-101</a>
	<b>Item no.: 770-111</b> Locking lever; for flying leads; for tool operation; black	<a href="http://www.wago.com/770-111">www.wago.com/770-111</a>
	<b>Item no.: 770-121</b> Locking lever; for flying leads; for manual operation; white	<a href="http://www.wago.com/770-121">www.wago.com/770-121</a>
	<b>Item no.: 770-131</b> Locking lever; for flying leads; for tool operation; white	<a href="http://www.wago.com/770-131">www.wago.com/770-131</a>

## Compatible products

### protection






	<b>Item no.: 770-201</b> Lockout cap; 12-pole, separable; 12-pole; for sockets; black	<a href="http://www.wago.com/770-201">www.wago.com/770-201</a>
	<b>Item no.: 770-221</b> Lockout cap; for socket; 12-pole; separable; white	<a href="http://www.wago.com/770-221">www.wago.com/770-221</a>
	<b>Item no.: 770-360</b> Lockout cap; for plugs; 5-pole; separable; yellow	<a href="http://www.wago.com/770-360">www.wago.com/770-360</a>

### Marking accessories

	<b>Item no.: 210-333</b> Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white	<a href="http://www.wago.com/210-333">www.wago.com/210-333</a>
	<b>Item no.: 210-334</b> Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white	<a href="http://www.wago.com/210-334">www.wago.com/210-334</a>
	<b>Item no.: 770-450</b> Marker card; Plastic; white	<a href="http://www.wago.com/770-450">www.wago.com/770-450</a>

Subject to changes. Please also observe the further product documentation!



	<b>Item no.: 770-450/000-001</b> Marker card; Plastic; green	<a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a>
	<b>Item no.: 770-450/000-002</b> Marker card; Plastic; yellow	<a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a>
	<b>Item no.: 770-450/000-005</b> Marker card; Plastic; red	<a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a>
	<b>Item no.: 770-450/000-006</b> Marker card; Plastic; blue	<a href="http://www.wago.com/770-450/000-006">www.wago.com/770-450/000-006</a>
	<b>Item no.: 770-450/000-012</b> Marker card; Plastic; orange	<a href="http://www.wago.com/770-450/000-012">www.wago.com/770-450/000-012</a>

## Downloads

### Documentation

#### Bid Text

771-5001/181-000 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
771-5001/181-000 doc - Datei	2015 Feb 19	doc 26.1 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 771-5001/181-000 pre-assembled Y-cable; Eca; 2 x plug/socket; 3-pole + 5-pole/5-pole; Cod. A/I; H05Z1Z1-F 3G 2.5 mm <sup>2</sup> ; H05Z1Z1-F 2 x 1,50 mm <sup>2</sup> ; 0.5 m; 1,50 mm <sup>2</sup> ; black/blue	URL	Download
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## Installation Notes

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## Product family

*WINSTA*® MIDI

[Show all products from the family](#)

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