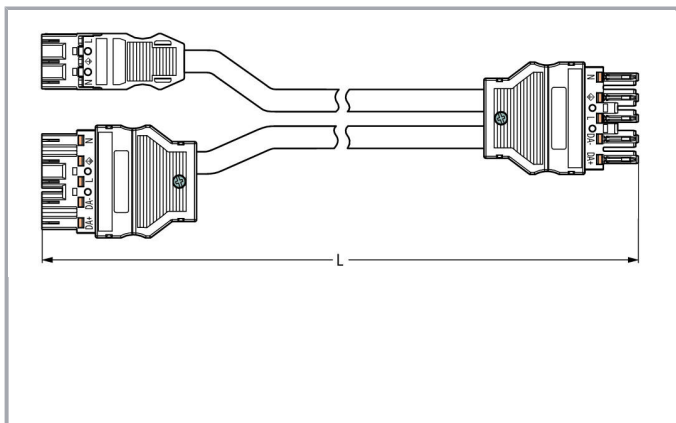
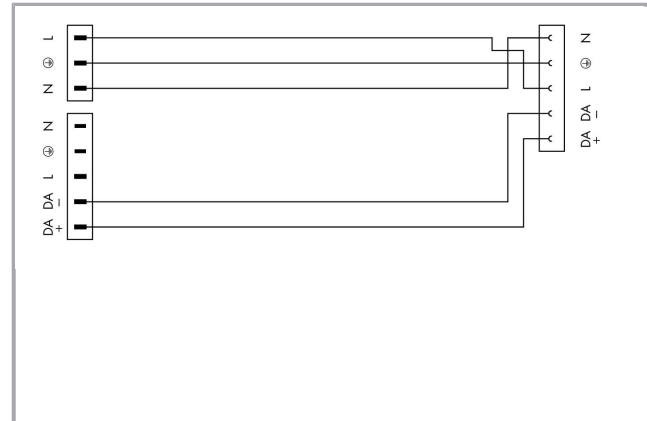
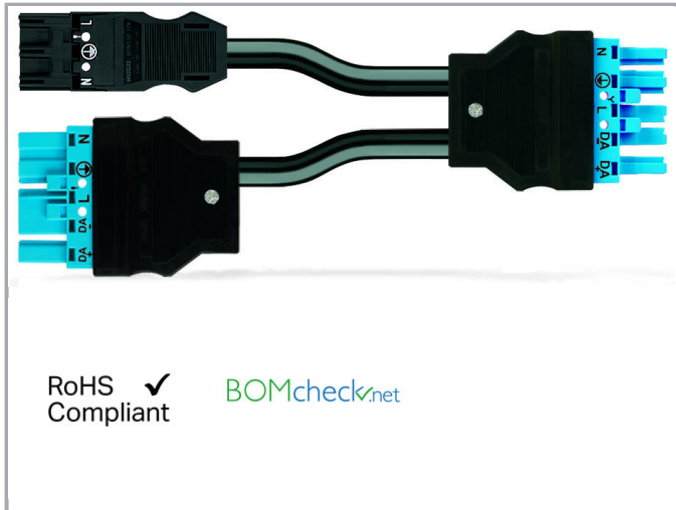


## Data sheet | Item number: 771-5001/225-000

pre-assembled Y-cable; Eca; 2 x plug/socket; 3-pole + 5-pole/5-pole;  
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>



[www.wago.com/771-5001/225-000](http://www.wago.com/771-5001/225-000)



### Item description

- Protected against mismatching and maintenance-free

### Note:

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

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

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

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We are always happy to take your call at +49 (571) 887-44222.



- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

**Safety information 1:**

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.

**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 60664-1**

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

**Approvals per UL 1977**

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A

**Connection data**

No. of poles	3
No. of poles 2	5
No. of poles 3	5
Total number of potentials	5
Conductor preparation	tip-bonded
Cable diameter	6,8 ... 8,6 mm
Cross section of single conductor	1.5 mm <sup>2</sup>
Cross section of single conductor (2)	2.5 mm <sup>2</sup>
Connection type	MIDI plug; MIDI plug - MIDI socket
Durchmesser der Mantelleitung 2	9,2 ... 11,4 mm

**Geometrical Data**

Pin spacing	10 mm / 0.394 inch
Total length	0.5 m

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## Mechanical data

Technologie	DALI
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) 100 (with resistive load $I_N = 25$ A), tested (4 mm <sup>2</sup> )
Connection type	MIDI plug; MIDI plug - MIDI socket
Type of cable assembly	Y-Cable
Type of cable	H05VV-F 2x1.5
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Application	General mains applications

## Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable

## Material Data

Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	15.071 MJ
Sheath material	PVC
Weight	181.2 g

## Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service Temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

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## Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4055143848404
Customs Tariff No.	85444290900

## Counterpart

## Installation Notes

## Product family

*WINSTA*® – Specialty Cable Assemblies

[Show all products from the family](#)

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