

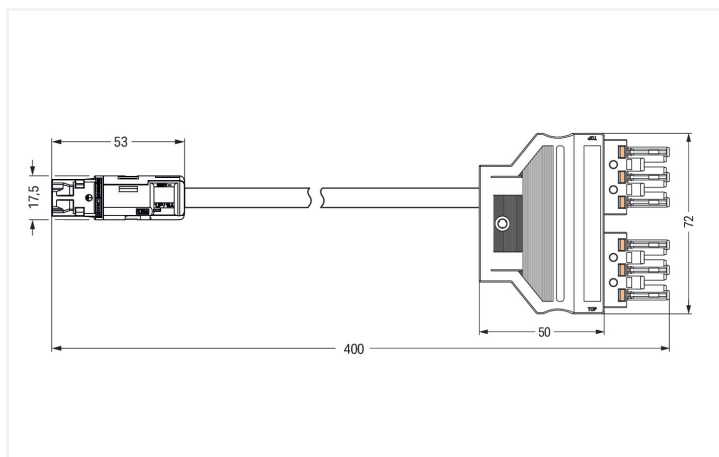
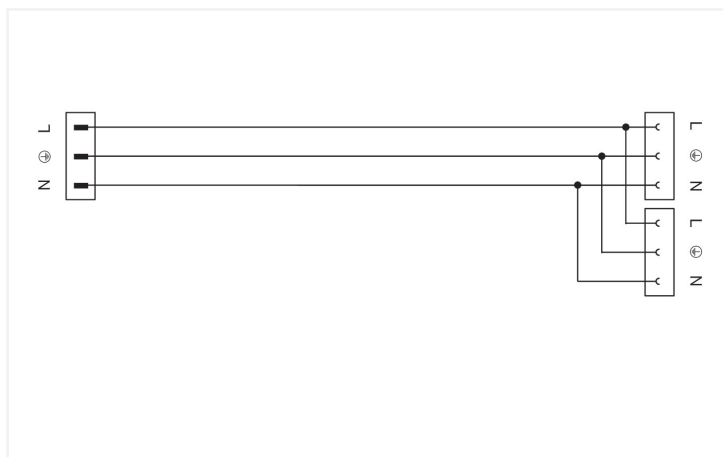
## Data Sheet | Item Number: 774-5001/100-000

pre-assembled Y-cable; Eca; Plug/Socket MIDI; Cod. A; H05VV-F 3G 2.5 mm<sup>2</sup>; 0.4 m;  
2,50 mm<sup>2</sup>; black

<https://www.wago.com/774-5001/100-000>



Color: ■ black



### Cable assembly WINSTA® RD with protection against mismatching

The WINSTA® RD cable assembly rated current 20 A allows assembly of fine-stranded and solid conductors. 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 applications. 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!)). This pluggable installation connector can be used for electrical currents up to 20 A. Thus the product is especially suitable for high power loads. WINSTA® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. According to the European CPR, the fire class of the cables used in construction is critical for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

A RD socket, a RD socket and rd plug are available. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Choose durability and quality – with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- for any mains application
- flexible installation to save space
- convenient installation and commissioning

## This item includes:



Item No.: 770-103

1

Item No.: 770-113

1

Item No.: 770-140

1

Socket; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; blackPlug; with strain relief housing; 3-pole;  
Cod. A; 4,00 mm<sup>2</sup>; blackLocking lever; for sockets and plugs; for  
tool operation; gray

## 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 impulse withstand voltage	4 kV	-	-
Rated current	20 A	-	-

## General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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## Connection Data

Total number of potentials 3

## Connection 1

Pole number	3
Wire cross-section	2.5 mm <sup>2</sup>
Connection type	RD socket; RD socket - RD plug

## Connection 2

Pole number	3
Sheathed cable diameter	9.2 ... 11.4 mm
Wire cross-section	2.5 mm <sup>2</sup>

## Connection 3

Pole number	3
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## Connection 4

Pole number	3
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## Physical data

Pin spacing	10 mm / 0.394 inches
Width	35 mm / 1.378 inches
Height	17.5 mm / 0.689 inches
Total length	0.5 m

## Mechanical data

Use	General mains applications
Coding	A
Coding 2	A
Variable coding	Yes
Marking	L ⊕ N
Mating force of a plug-in connection	Approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	Unlocked: approx. 30 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	RD socket; RD socket - RD plug

### Mechanical data

Type of pre-assembled cable	Y-cable
Cable type	H05VV-F 3G2.5
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 <i>WINSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered
Locking of plug-in connection	Locking lever

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	black
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	19.108 MJ
Connector color	black
Strain relief color	black
Connector color 2	black
Strain relief color 2	black
Connector color 3	black
Strain relief color 3	black
Connector color 4	black
Strain relief color 4	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	107.5 g
Copper weight of the raw cable	0.043 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	4066966302325
Customs tariff number	85444290900

Product Classification	
UNSPSC	26121629
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

**Downloads**

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 774-5001/100-000	↓
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**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Locking system**

**1.1.1.1 Locking system**

<a href="#">Item No.: 770-101</a> Locking lever; for flying leads; for manual operation; black	<a href="#">Item No.: 770-121</a> Locking lever; for flying leads; for manual operation; white	<a href="#">Item No.: 770-111</a> Locking lever; for flying leads; for tool operation; black	<a href="#">Item No.: 770-131</a> Locking lever; for flying leads; for tool operation; white

**1.2 Optional Accessories**

**1.2.1 Coding**

**1.2.1.1 Coding**

<a href="#">Item No.: 770-401</a> Coding pin; for plugs; Plastic; gray

## 1.2.2 Cover

### 1.2.2.1 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

## 1.2.3 Marking

### 1.2.3.1 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