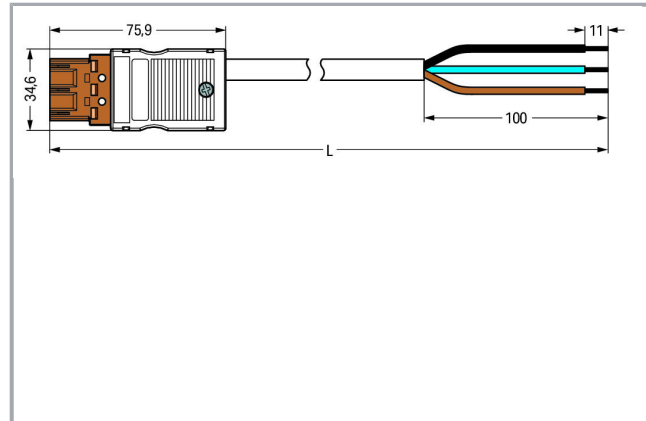
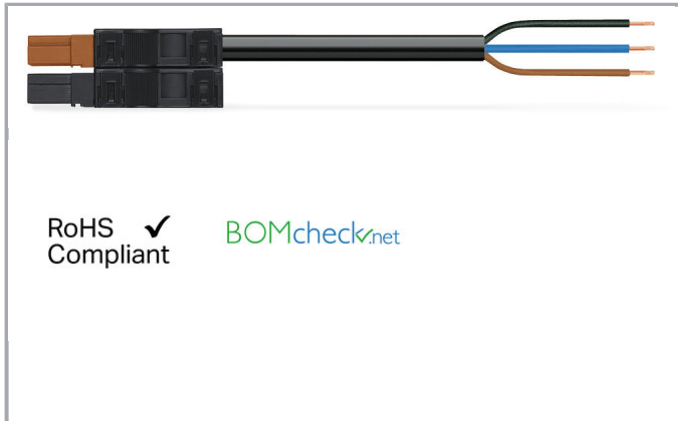


## Data sheet | Item number: 771-5001/132-000

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A/S;  
4m; 1,50 mm<sup>2</sup>; black/brown

[www.wago.com/771-5001/132-000](http://www.wago.com/771-5001/132-000)



### Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

### 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:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- 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

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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

### 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
Rated current	16 A
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

Total number of potentials	3
Conductor preparation	tip-bonded
Cable diameter	7,4 ... 9,4 mm
Cross section of single conductor	1.5 mm <sup>2</sup>
Connection type	Plug; Plug - Free end

### Geometrical Data

Pin spacing	10 mm / 0.394 inch
Total length	4 m

### Mechanical data

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	Plug; Plug - Free end
Type of cable assembly	Connecting cable
Type of cable	H05Z1Z1-F 3x1.5
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Suitable	for distribution connectors (770-637 and 770-687)

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



## Plug connection

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

## Material Data

Color	black/brown
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	4.539 MJ
Halogen-free	Yes
Weight	474.7 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

## Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4050821698265
Customs Tariff No.	85444290900

## Counterpart

## Compatible products

### Locking lever

**Item no.: 770-101**

Locking lever; for flying leads; for manual operation; black

[www.wago.com/770-101](http://www.wago.com/770-101)

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

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Item no.: 770-111

Locking lever; for flying leads; for tool operation; black

[www.wago.com/770-111](http://www.wago.com/770-111)

Item no.: 770-121

Locking lever; for flying leads; for manual operation; white

[www.wago.com/770-121](http://www.wago.com/770-121)



Item no.: 770-131

Locking lever; for flying leads; for tool operation; white

[www.wago.com/770-131](http://www.wago.com/770-131)

#### protection



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

[www.wago.com/770-360](http://www.wago.com/770-360)

#### Coding

Item no.: 770-401

Coding pin; for plugs; Plastic; gray

[www.wago.com/770-401](http://www.wago.com/770-401)

#### Marking accessories

Item no.: 210-333

Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white

[www.wago.com/210-333](http://www.wago.com/210-333)

## Installation Notes

## Product family

*WINSTA*® – Specialty Cable Assemblies

[Show all products from the family](#)

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

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