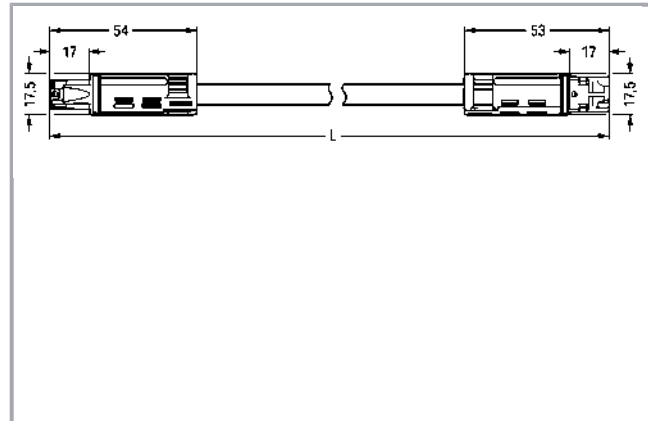


## Data sheet | Item number: 774-9973/016-305

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. S; 3 m;  
1,50 mm<sup>2</sup>; brown



[www.wago.com/774-9973\\_016-305](http://www.wago.com/774-9973_016-305)



### Item description

- For round conduits and ducts
- 3- and 4-pole preassembled cables with 17.5 mm outer diameter for easy plug & play
- Plug-in integration into the electrical installation of hollow-wall boxes via adapter, for example

### 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 incorrectly rotated
- plugging while laterally staggered

### 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

## Connection data

No. of poles	3
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	Socket - Plug

## Geometrical Data

Total length	3 m
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## Mechanical data

Coding	S
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	when unlocked: approx. 30 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 20$ A, tested (2.5mm <sup>2</sup> /AWG 14)
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable
Type of cable	H05Z1Z1-F 3x1.5
Marking	1 2 L
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Application	Switching function

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

## Plug connection

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

## Material Data

Color	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)
Connector color	brown
Strain relief color	black
Halogen-free	Yes
Weight	301.6 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	4055143522465
Customs Tariff No.	85444290900

## Counterpart

### Downloads

#### Documentation

#### Bid Text

774-9973/016-305	Feb 19, 2019	xml	Download
GAEB X81 - Datei		3.0 kB	

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774-9973/016-305

Feb 19, 2015

doc  
24.6 kB

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## Installation Notes

## Product family

*WINSTA*® RD

[Show all products from the family](#)

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

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