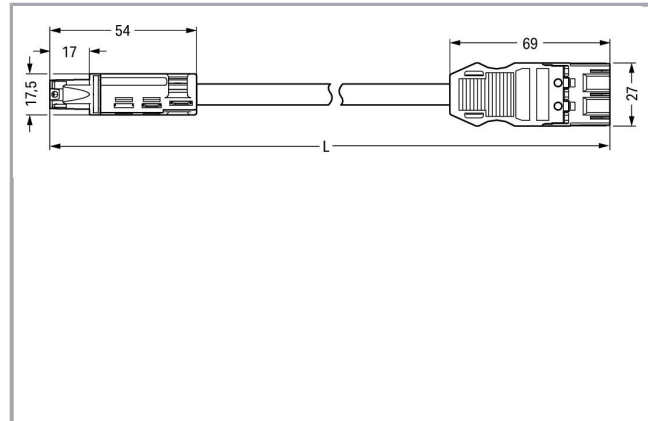
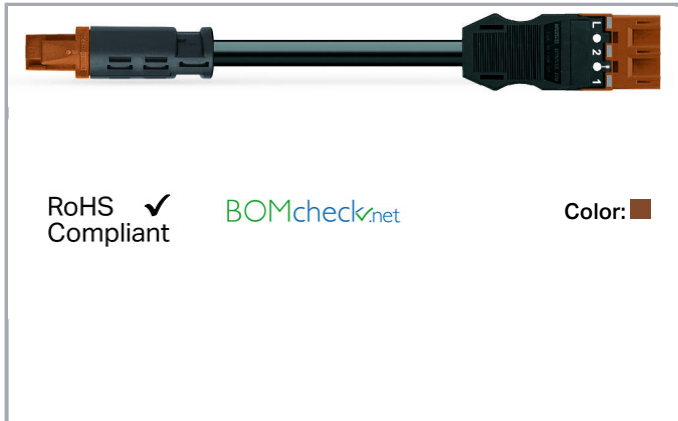


Data sheet | Item number: 774-9973/1516-305

pre-assembled adapter cable; Eca; Socket/plug MIDI; 3-pole; Cod. S; 3 m;
1,50 mm²; brown



www.wago.com/774-9973/1516-305



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[®] 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) $\hat{=}$ 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 ²
Connection type	RD socket - MIDI 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 ² /AWG 14)
Connection type	RD socket - MIDI plug
Type of cable assembly	Adapter 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).
Potential marking	L 2 1

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



Application	Switching function
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Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever

Material Data

Color	brown
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	6.125 MJ
Connector color	brown
Strain relief color	black
Halogen-free	Yes
Weight	308.1 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

Product Group	20 (WINSTA)
Packaging type	not packed
Country of origin	DE
GTIN	4050821489559
Customs Tariff No.	85444290900


Counterpart**Compatible products**

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

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Locking lever

	Item no.: 770-101 Locking lever; for flying leads; for manual operation; black	www.wago.com/770-101
	Item no.: 770-111 Locking lever; for flying leads; for tool operation; black	www.wago.com/770-111
	Item no.: 770-121 Locking lever; for flying leads; for manual operation; white	www.wago.com/770-121
	Item no.: 770-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/770-131

Coding

	Item no.: 770-401 Coding pin; for plugs; Plastic; gray	www.wago.com/770-401
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protection

	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow	www.wago.com/770-360
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Downloads

CAD/CAE-Data

CAE data

WSCAD Universe 774-9973/1516-305	URL	Download
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Installation Notes

Product family

<i>WINSTA</i>® RD

[Show all products from the family](#)

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