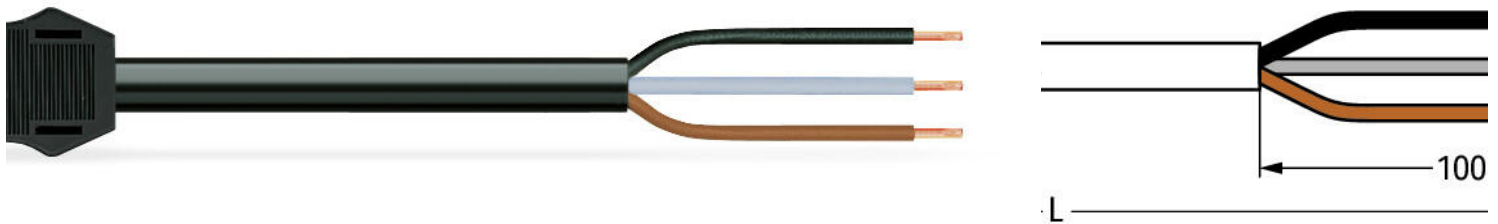


Data sheet | Item number: 771-9973/216-605

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. S; 6 m; 1,50 mm²; brown

www.wago.com/771-9973_216-605



RoHS
Compliant ✓

BOMcheck.net

Color: ■

Item description

- Protected against mismatching and maintenance-free

Note:

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

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

Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60664-1

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

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Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) \triangleq Overvoltage category III / Pollution degree 3

Connection data

Strip length	11 mm / 0.43 inch
Pole No.	3
Total number of potentials	3
Conductor preparation	tip-bonded
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	100 mm
Connection type	Plug - Free end

Physical data

Pin spacing	10 mm / 0.394 inch
Total length	6 m

Mechanical data

Application	Switching function
Coding	S
Marking	1 2 L
Potential marking	1 2 L
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
Connection type	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3x1.5
Protection type	IP20
Note on protection type	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Suitable	for distribution connectors; series and two-way circuits

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



Plug-in connection

Mismating protection	Yes
Note on mismating protection	All WINSTA [®] components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	retrofitable
Locking of plug-in connection	locking lever

Material Data

Color	brown
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	11.715 MJ
Connector color	brown
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Weight	595 g

Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating 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	4050821311034
Customs tariff number	85444290900



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Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01

Required accessories

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

Compatible products

protection

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

	Item no.: 210-334 Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white	www.wago.com/210-334
	Item no.: 770-450 Marker card; Plastic; white	www.wago.com/770-450
	Item no.: 770-450/000-001 Marker card; Plastic; green	www.wago.com/770-450/000-001

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



Item no.: 770-450/000-002
Marker card; Plastic; yellow

www.wago.com/770-450/000-002



Item no.: 770-450/000-005
Marker card; Plastic; red

www.wago.com/770-450/000-005



Item no.: 770-450/000-006
Marker card; Plastic; blue

www.wago.com/770-450/000-006



Item no.: 770-450/000-012
Marker card; Plastic; orange

www.wago.com/770-450/000-012

Downloads

Documentation

Bid Text

771-9973/216-605 doc - Datei	Aug 13, 2018	doc 26.6 kB	Download
771-9973/216-605 X81 - Datei	Feb 19, 2019	xml 3.2 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 771-9973/216-605	URL	Download
ZUKEN Portal 771-9973/216-605	URL	Download

CAD data

2D/3D Models 771-9973/216-605	URL	Download
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Installation Notes

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Product family

WINSTA® MIDI

[Show all products from the family](#)

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