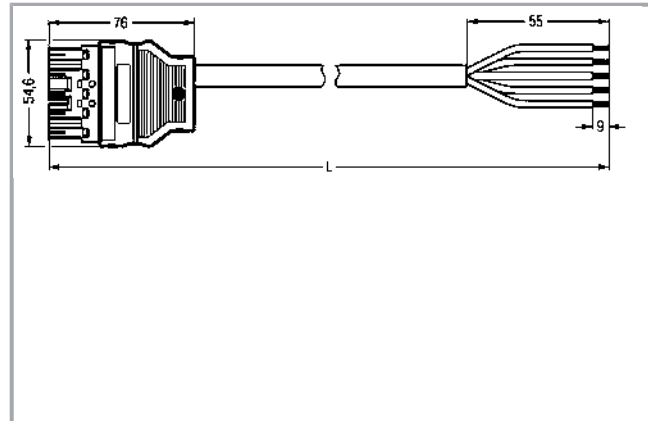
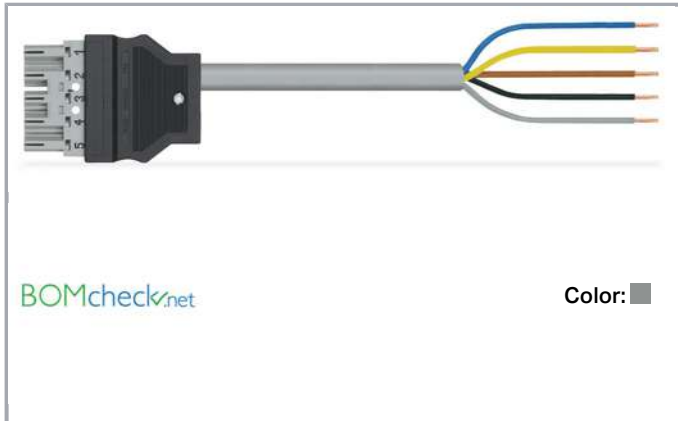


Data sheet | Item number: 771-8995/206-503

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; 5 m; 1,50 mm²; gray



www.wago.com/771-8995_206-503



Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible
- Components can be clearly printed on and color-coded to meet custom requirements

Note:

Cables with different fire load are available in the eShop

Note on mismatching protection:

All WINSTA[®] components are 100% protected against mismatching in terms of:

- plugging different number of poles
- plugging when turned by 180°
- plugging when 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. 1mΩ contact resistance approx. 0.25mΩ 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

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 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

Conductor preparation	tip-bonded
Cable diameter	9.3 ... 11.6 mm
Cross section of single conductor	1.5 mm ²

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Total length	5 m

Mechanical data

Coding	B
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 ² /12 AWG)
Type of cable	Control line 5 x 1.5
Marking	1 2 3 4 5
Protection class	IP20
Note on protection class	Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	1 2 3 4 5

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Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	gray
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	14.534 MJ
Connector color	gray
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	gray
Printing color of sheathed cable	black
Sheath material	PVC
Weight	850.6 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	4050821473428
Customs Tariff No.	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
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CCA
DEKRA Certification B.V.

EN 61535

NTR NL-
7355



KEMA/KEUR
DEKRA Certification B.V.

EN 61535

2179129.01

Counterpart

Compatible products

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

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; white

www.wago.com/770-450/000-001



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

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



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

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

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



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

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



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

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

protection



Item no.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Installation Notes

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

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