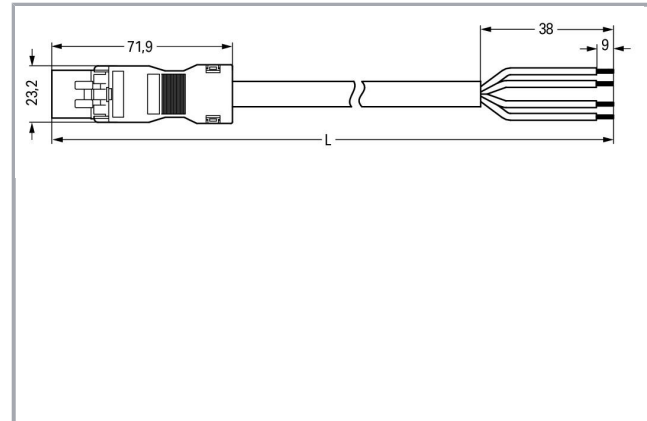
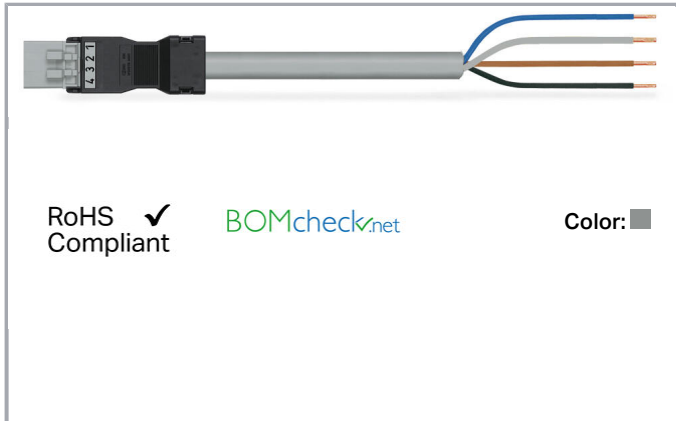


Data sheet | Item number: 891-8994/205-303

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.0 mm²; 3 m; 1,00 mm²; gray



www.wago.com/891-8994/205-303



Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

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 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 5 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)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) $\hat{=}$ 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)	12 A

Connection data

Strip length	9 mm / 0.35 inch
No. of poles	4
Total number of potentials	4
Conductor preparation	tip-bonded
Cable diameter	7,1 ... 9 mm
Cross section of single conductor	1 mm ²
Strip length	38 mm
Connection type	Plug - Free end

Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	3 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 $I_N = 16$ A, tested (1.5 mm ² /16 AWG)
Connection type	Plug - free end

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



Type of cable assembly	Connecting cable
Type of cable	Control line 4 x 1
Marking	1 2 3 4
Protection class	IP20
Note on protection class	IP40 when mated
Potential marking	1 2 3 4

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	3.991 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	249.1 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

Packaging type	not packed
Country of origin	PL

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

GTIN	4050821295655
Customs Tariff No.	85444290900

Counterpart

Compatible products

assembling

Item no.: 890-310 Mounting carrier; 2- to 5-pole; for flying leads; black	www.wago.com/890-310
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Item no.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white	www.wago.com/890-311
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Locking lever

Item no.: 890-101 Locking lever; for manual operation; black	www.wago.com/890-101
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Item no.: 890-111 Locking lever; for flying leads; for tool operation; black	www.wago.com/890-111
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Item no.: 890-121 Locking lever; for manual operation; white	www.wago.com/890-121
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Item no.: 890-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/890-131
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Downloads

CAD/CAE-Data

CAE data

WSCAD Universe 891-8994/205-303	URL	Download
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Installation Notes

Product family

<i>WINSTA</i>® MINI special
[Show all products from the family](#)

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