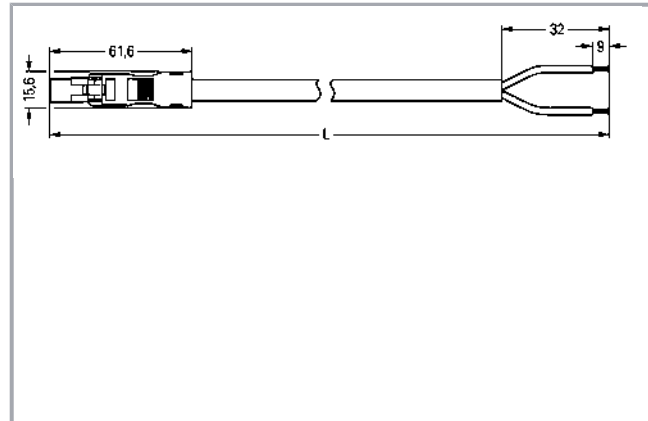
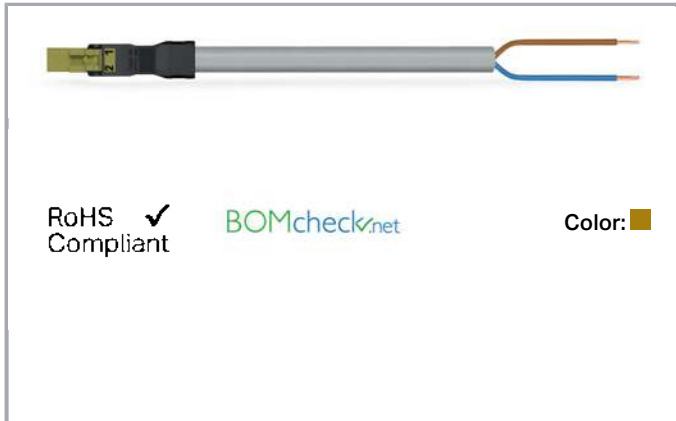


Data sheet | Item number: 891-8992/205-105

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B;
Control cable 2 x 1.0 mm²; 1 m; 1,00 mm²; light green



www.wago.com/891-8992_205-105



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!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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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	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)	14 A

Connection data

Strip length	9 mm / 0.35 inch
No. of poles	2
Total number of potentials	2
Conductor preparation	tip-bonded
Cable diameter	5,9 ... 7,5 mm
Cross section of single conductor	1 mm ²
Strip length	32 mm
Connection type	Plug - Free end

Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	1 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 2 x 1
Marking	1 2
Protection class	IP20
Note on protection class	IP40 when mated
Potential marking	1 2

Plug connection

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

Material Data

Color	light green
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	1.262 MJ
Connector color	light green
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	61.6 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	PL

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

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GTIN 4050821483632

Customs Tariff No. 85444290900

Counterpart



Item no. 890-1602

T-distribution connector; 2-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; light green

www.wago.com/890-1602



Item no. 890-1702

T-distribution connector; 2-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; light green

www.wago.com/890-1702



Item no. 890-1662

h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; light green

www.wago.com/890-1662



Item no. 890-262

Socket; 2-pole; Cod. B; 1,50 mm²; light green

www.wago.com/890-262



Item no. 890-762

Snap-in socket; 2-pole; Cod. B; 1,50 mm²; light green

www.wago.com/890-762



Item no. 890-862

Socket for PCBs; straight; 2-pole; Cod. B

www.wago.com/890-862



Item no. 890-862/011-000

Socket for PCBs; angled; 2-pole; Cod. B

www.wago.com/890-862/011-000

Compatible products

assembling



Item no.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/890-310

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

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Item no.: 890-311
Mounting carrier; 2- to 5-pole; for flying leads; white

www.wago.com/890-311

Locking lever



Item no.: 890-101
Locking lever; for manual operation; black

www.wago.com/890-101



Item no.: 890-111
Locking lever; for flying leads; for tool operation; black

www.wago.com/890-111



Item no.: 890-121
Locking lever; for manual operation; white

www.wago.com/890-121



Item no.: 890-131
Locking lever; for flying leads; for tool operation; white

www.wago.com/890-131

Downloads

Documentation

Bid Text

891-8992/205-105 doc - Datei	Dec 2, 2014	doc 25.1 kB	Download
891-8992/205-105 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 891-8992/205-105		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!