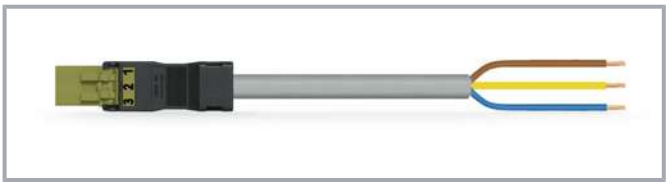
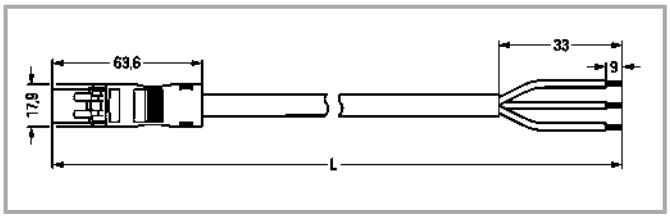
Data sheet | Item number: 891-8993/205-605

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 6 m; 1,00 mm²; light green

www.wago.com/891-8993_205-605





Item description

Cable assembly *WINSTA*® MINI with strain relief

For signal and power transmission: The *WINSTA*® MINI cable assembly B coding. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are suitable for applications related to process control, for example, for lighting or within data networks. If only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its advantageous properties. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and can be performed without screw connections. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a plug and a free end. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with strain relief hosting from WAGO.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- with B coding for use in automation of processes, such as lighting technology, for example
- ready to install and use immediately
- convenient installation and commissioning

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data

Notes

Note	Cables with a different fire class can be found in the eShop.
Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

IEC Approvals

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) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Note for the US market	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.

Connection data

Total number of potentials	3
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	3
Sheathed cable diameter	6.3 … 8 mm
Wire cross-section	1 mm²
Strip length (outer insulation)	33 mm

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Connection type	Plug - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	6 m

Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3
Potential Marking	1 2 3
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	Control line 3 x 1
Protection type	IP20; IP40 when mated

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	Can be retrofitted
Locking of plug-in connection	locking lever

Material data

Note (material data)	Information on material data can be found here
Color	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E_{ca}

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Contact material	Copper or copper alloy; surface-treated
Fire load	0.087 MJ
Connector color	light green
Printing color of mating face	black
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	444.2 g
Copper weight of the pipe	0.029 kg/m

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

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143515511
Customs tariff number VKOrg Germany	85444290900

Required accessories

Locking levers

Locking system

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

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Optional accessories

Cover

Other

Item no.: 897-2001
Protective cap; Type1; for sockets and plugs; PVC; red

www.wago.com/897-2001

Mounting

Mounting accessories

Item no.: 890-310
Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/890-310

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

www.wago.com/890-311

Downloads

Documentation

Bid Text

891-8993/205-605 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/205-605 doc - Datei	2014 Dec 2	doc 25.6 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/205-605 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 6 m; 1,00 mm²; light green	URL	Download

Installation Notes

Product family

WINSTA® MINI
Show all products from the family

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

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