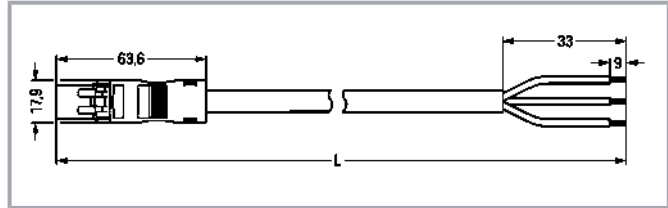


## Data sheet | Item number: 891-8993/205-205

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 2 m; 1,00 mm<sup>2</sup>; light green

[www.wago.com/891-8993\\_205-205](http://www.wago.com/891-8993_205-205)



### Item description

#### Cable assembly **WINSTA®** MINI with strain relief

The **WINSTA®** MINI cable assembly B coding supports rapid, correct installation. WAGO pluggable installation connectors are useful when criteria repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in automation, robotics, and mechanical engineering. **WINSTA®** MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

#### Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are available. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising safety and quality: The **WINSTA®** MINI pluggable installation connector with marking eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- consistent IP40 protection
- with B coding for controllers such as lighting fixtures and sun blinds
- exact dimensions
- rapid, structured electrical installation

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://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.
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Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .
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## Electrical data

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

2 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: &gt; 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<sub>ca</sub>

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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	152.2 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	4055143389518
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	<a href="http://www.wago.com/890-111">www.wago.com/890-111</a>
Item no.: 890-101 Locking lever; for manual operation; black	<a href="http://www.wago.com/890-101">www.wago.com/890-101</a>
Item no.: 890-121 Locking lever; for manual operation; white	<a href="http://www.wago.com/890-121">www.wago.com/890-121</a>
Item no.: 890-131 Locking lever; for flying leads; for tool operation; white	<a href="http://www.wago.com/890-131">www.wago.com/890-131</a>

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



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## Optional accessories

### Mounting

Mounting accessories		
	Item no.: 890-310 Mounting carrier; 2- to 5-pole; for flying leads; black	<a href="http://www.wago.com/890-310">www.wago.com/890-310</a>
	Item no.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white	<a href="http://www.wago.com/890-311">www.wago.com/890-311</a>

### Cover

Other		
	Item no.: 897-2001 Protective cap; Type1; for sockets and plugs; PVC; red	<a href="http://www.wago.com/897-2001">www.wago.com/897-2001</a>

## Downloads

### Documentation

#### Bid Text

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

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8993/205-205 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 2 m; 1,00 mm²; light green	URL	Download
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## Installation Notes

### Product family

#### WINSTA® MINI

[Show all products from the family](#)

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