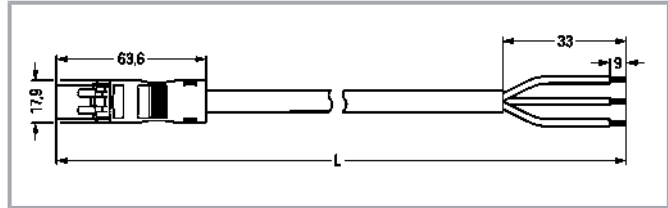


## Data sheet | Item number: 891-8993/206-205

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 2 m; 1,50 mm<sup>2</sup>; light green

[www.wago.com/891-8993\\_206-205](http://www.wago.com/891-8993_206-205)



### Item description

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

The *WINSTA*® MINI cable assembly B coding supports fast, reliable installation. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. B coding enables the *WINSTA*® MINI pluggable installation connectors to be used for control in applications in the domains of automation, robotics, and mechanical engineering. Particularly if only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its advantages. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the installation is low-maintenance and requires no screw connections. According to the European CPR, the fire class of the cables used for construction is critical for building safety, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

#### Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The *WINSTA*® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, more reliable, and error-free. Use of this pre-assembled system reduces assembly times and installation errors at the construction site. Now you can also lower installation expenses without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- exact dimensions

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

WAGO Corporation  
Germantown, WI 53022  
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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.



- convenient installation and commissioning

## 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 <https://configurator.wago.com/>.

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## Electrical data

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Note on contact resistance approx. 1 m $\Omega$  of contact resistance  
approx. 0.25 m $\Omega$  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	16 A
Note (rated current)	13 A for 3-pole load
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

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## Ratings per UL

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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

Number of poles	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm <sup>2</sup>

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Strip length (outer insulation)	33 mm
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: > 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 1.5
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	

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



	E <sub>ca</sub>
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	204 g
Copper weight of the pipe	0.043 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	4055143464000
Customs tariff number VKOrg Germany	85444290900

### Required accessories

#### Locking levers

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

## Optional accessories

### Mounting

#### Mounting accessories

**Item no.: 890-310**

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

[www.wago.com/890-310](http://www.wago.com/890-310)
**Item no.: 890-311**

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

[www.wago.com/890-311](http://www.wago.com/890-311)

### Cover

#### Other


**Item no.: 897-2001**

Protective cap; Type1; for sockets and plugs; PVC; red

[www.wago.com/897-2001](http://www.wago.com/897-2001)

## Downloads

### Documentation

#### Bid Text

891-8993/206-205 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/206-205 doc - Datei	2014 Dec 2	doc 26.1 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8993/206-205 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 2 m; 1,50 mm <sup>2</sup> ; light green	URL	Download
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## 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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