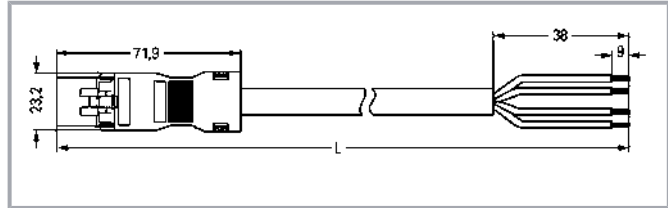


## Data sheet | Item number: 891-8994/206-405

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B;  
Control cable 4 x 1.5 mm<sup>2</sup>; 4 m; 1,50 mm<sup>2</sup>; light green



[www.wago.com/891-8994\\_206-405](http://www.wago.com/891-8994_206-405)



### Item description

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

The **WINSTA®** MINI cable assembly with protection type IP20 allows installation of fine-stranded and solid conductors. Our pluggable installation connectors with spring pressure connection technology work without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Pluggable installation connectors with B coding from the **WINSTA®** MINI line are available in grey, light grey, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible as well. Particularly if only limited space is available, our smallest pluggable connection system, **WINSTA®** MINI, conveniently displays its advantageous properties. It is very compact, and, thanks to Push-in **CAGE CLAMP®** spring pressure connection technology, it also can be installed quickly, since the installation is low-maintenance and requires no screw connections. This product meets all the mandatory fire protection requirements of fire class E; therefore it can be used in domains where fire safety is relevant.

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

A plug and a free end are provided. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and installation errors 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 protection type IP20 from WAGO.

- protection against mismating eliminates errors
- consistent IP40 protection
- with B coding for controllers, for example sun blinds and lighting fixtures
- ready for immediate use

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

WAGO Corporation  
Germantown, WI 53022  
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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.



- 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 <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)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Note (rated current)	13 A for 3-pole load 10 A for 4-pole load
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	4
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Number of poles	4
Sheathed cable diameter	8.4 ... 10.5 mm

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Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	38 mm
Connection type	Plug - Free end

## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	4 m

## Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4
Potential Marking	1 2 3 4
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 4 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)

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Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	0.119 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	444.6 g
Copper weight of the pipe	0.058 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	4055143520324
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

### Cover

Other



Item no.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

[www.wago.com/897-2003](http://www.wago.com/897-2003)

### 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)

## Downloads

### Documentation

#### Bid Text

891-8994/206-405 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8994/206-405 doc - Datei	2014 Dec 2	doc 26.1 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8994/206-405 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B; Control cable 4 x 1.5 mm <sup>2</sup> ; 4 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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