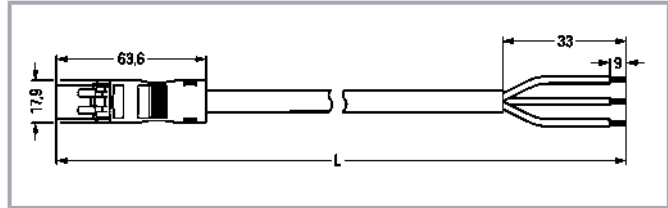


## Data sheet | Item number: 891-8993/206-407

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 4 m; 1,50 mm<sup>2</sup>; pink

[www.wago.com/891-8993\\_206-407](http://www.wago.com/891-8993_206-407)



### Item description

#### Cable assembly **WINSTA®** MINI rated current 16 A

The **WINSTA®** MINI cable assembly B coding supports rapid, correct installation. WAGO pluggable installation connectors can be used when specifications repeat or are distributed on a defined pattern, 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 mismating. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in the domains of automation, mechanical engineering and robotics. **WINSTA®** MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since due to LED technology, these offer much less space for the connection technology. According to the European CPR, the fire class of the cables used for construction is critical for building safety, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

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

The cable is pre-assembled 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. Use of this pre-assembled system decreases 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 strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- for automation controllers
- flexible installation to save space
- quick replacement of defective units during ongoing operation

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

WAGO Corporation  
Germantown, WI 53022  
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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	16 A
Note (rated current)	13 A for 3-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	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>
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	4 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	pink
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	0.086 MJ
Connector color	pink
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	402.2 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	4055143515375
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			
<hr/>			
<b>Item no.: 890-310</b>			
Mounting carrier; 2- to 5-pole; for flying leads; black			<a href="http://www.wago.com/890-310">www.wago.com/890-310</a>
<hr/>			
<b>Item no.: 890-311</b>			
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			
<hr/>			
			
<b>Item no.: 897-2001</b>			
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

891-8993/206-407	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
<hr/>			
891-8993/206-407	2014 Dec 2	doc	Download
doc - Datei		26.1 kB	

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8993/206-407	URL	Download
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 4 m; 1,50 mm <sup>2</sup> ; pink		

## Installation Notes

### Product family

#### WINSTA® MINI

[Show all products from the family](#)

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