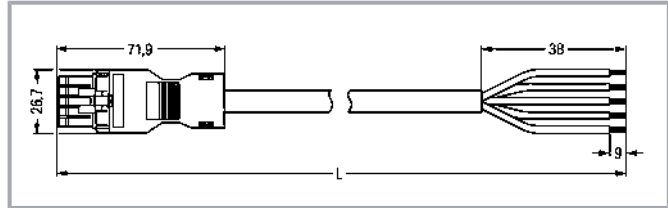


## Data sheet | Item number: 891-8995/106-107

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B;  
1 m; 1,50 mm<sup>2</sup>; pink

[www.wago.com/891-8995\\_106-107](http://www.wago.com/891-8995_106-107)



### Item description

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

The **WINSTA®** MINI cable assembly B coding is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The pluggable installation connector is protected against ingress by solid granular objects with a diameter below 1 mm in accordance with protection type IP40. Pluggable installation connectors with B coding from the **WINSTA®** MINI line are available in pink, light grey, or grey, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible in addition. Especially if only limited space is available, our smallest pluggable connection system, **WINSTA®** MINI, consistently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the installation is low-maintenance and requires no screw connections. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant.

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

The cable is pre-assembled with a free end. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – the **WINSTA®** MINI pluggable installation connector with protection type IP40 from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- for automation controllers
- 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  
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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.



## 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- and 5-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	5
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Number of poles	5
Sheathed cable diameter	9.3 ... 11.6 mm
Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	38 mm

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Connection type	- Free end
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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 m

## Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential Marking	1 2 3 4 5
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	- Free end
Type of pre-assembled cable	Connecting cable
Cable type	Control line 5 x 1.5
Protection type	IP40

## 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	0.21 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	173.8 g
Copper weight of the pipe	0.072 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	4055143519809
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.: 897-2003 Protective cap; Type2; for sockets and plugs; PVC; red	<a href="http://www.wago.com/897-2003">www.wago.com/897-2003</a>

## Downloads

### Documentation

#### Bid Text

891-8995/106-107 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8995/106-107 doc - Datei	2015 Mar 12	doc 25.6 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8995/106-107 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 1 m; 1,50 mm <sup>2</sup> ; pink	URL	Download
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## Installation Notes

### Product family

#### WINSTA® MINI

[Show all products from the family](#)

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