

## Data sheet | Item number: 891-8994/006-107

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B;  
Control cable 4 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; pink

[www.wago.com/891-8994\\_006-107](http://www.wago.com/891-8994_006-107)



### Item description

#### Cable assembly **WINSTA®** MINI with protection against mismating

The **WINSTA®** MINI cable assembly rated current 16 A supports rapid, correct installation. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Solutions like the **WINSTA®** MINI pluggable installation connectors with B coding are suitable for applications related to process control, for example, for lighting or in data networks. **WINSTA®** MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for example, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. This product meets all the relevant 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

The cable assembly is equipped with a socket and a plug. **WINSTA®** is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Now you can also cut installation costs without compromising safety and quality: The **WINSTA®** MINI pluggable installation connector with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for controllers such as lighting fixtures and sun blinds
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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  
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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.



## Data Notes

Note  
Cables with a different fire class can be found in the eShop.

Variants:  
Other pole markings  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

Note on contact resistance  
approx. 1 m $\Omega$  of contact resistance  
approx. 0.25 m $\Omega$  contact transition plug/socket

## 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) $\triangleq$ 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.

## 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
Wire cross-section	1.5 mm <sup>2</sup>
Connection type	Socket - Plug

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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
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	Socket - Plug
Type of pre-assembled cable	Interconnecting 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	pink
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	0.158 MJ

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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	126.5 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	4050821622819
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>

## Optional accessories

### Mounting

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

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## 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.: 897-2003

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

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

## Downloads

## Documentation

## Bid Text

891-8994/006-107 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/006-107 doc - Datei	2015 Jun 2	doc 25.1 kB	Download

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 891-8994/006-107 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable 4 x 1.5 mm <sup>2</sup> ; 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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