

## Data sheet | Item number: 891-8995/005-105

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m;  
1,00 mm<sup>2</sup>; light green

[www.wago.com/891-8995\\_005-105](http://www.wago.com/891-8995_005-105)



### Item description

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

The **WINSTA®** MINI cable assembly 5-pole provides the foundation for installation of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology work without screw connections. They allow resource-efficient, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical 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. Thanks to its particularly minimal dimensions, our **WINSTA®** MINI Pluggable Connection System with Push-in **CAGE CLAMP®** spring pressure connection technology is very suitable in very tight spaces, i.e., for installations when very little room is available. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are met by this product through fire class E.

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

The cable is pre-assembled with a socket and a plug. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also cut installation costs without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with marking 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
- for automation controllers
- ready for immediate use
- convenient installation and commissioning

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  
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.
------	---------------------------------------------------------------

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> .
-----------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ 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	10 A
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.
------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Connection data

Total number of potentials	5
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Number of poles	5
Sheathed cable diameter	7.8 ... 9.3 mm
Wire cross-section	1 mm <sup>2</sup>
Connection type	Socket - Plug

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  
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.



## 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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Control line 5 x 1
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	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	0.517 MJ

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  
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.



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	132.2 g
Copper weight of the pipe	0.048 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	4055143516877
Customs tariff number VKOrg Germany	85444290900

## Counterpart

<b>Item no.890-265</b> Socket; 5-pole; Cod. B; 1,50 mm²; light green	<a href="http://www.wago.com/890-265">www.wago.com/890-265</a>
<b>Item no.890-275</b> Plug; 5-pole; 1,50 mm²; light green	<a href="http://www.wago.com/890-275">www.wago.com/890-275</a>
<b>Item no.890-765</b> WINSTA® through-panel socket (female); MINI; snap-in through-panel; 1/2/3/4/5 marking; 5-pole; light-green	<a href="http://www.wago.com/890-765">www.wago.com/890-765</a>
<b>Item no.890-775</b> WINSTA® through-panel plug (male); MINI; snap-in; 1/2/3/4/5 marking; 5-pole; light-green	<a href="http://www.wago.com/890-775">www.wago.com/890-775</a>
<b>Item no.890-865</b> Socket for PCBs; straight; 5-pole; Cod. B; light green	<a href="http://www.wago.com/890-865">www.wago.com/890-865</a>
<b>Item no.890-865/011-000</b> Socket for PCBs; angled; 5-pole; Cod. B; light green	<a href="http://www.wago.com/890-865/011-000">www.wago.com/890-865/011-000</a>
<b>Item no.890-875/011-000</b> Plug for PCBs; angled; 5-pole; Cod. B; light green	<a href="http://www.wago.com/890-875/011-000">www.wago.com/890-875/011-000</a>
<b>Item no.890-875</b>	

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  
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.

Plug for PCBs; straight; 5-pole; Cod. B; light green

[www.wago.com/890-875](http://www.wago.com/890-875)

## 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>

## Optional accessories

### Mounting

Mounting accessories		
<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>
<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		
	<b>Item no.: 897-2003</b>	
	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

891-8995/005-105	2019 Feb 19	xml	Download
X81 - Datei		3.0 kB	
891-8995/005-105	2015 Jun 2	doc	Download
doc - Datei		25.6 kB	

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  
 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.



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8995/005-105  
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m; 1,00  
mm<sup>2</sup>; light green

---

URL

Download

## Installation Notes

### Product family

**WINSTA® MINI**

[Show all products from the family](#)

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  
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.