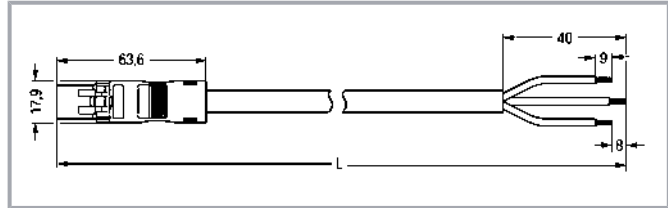


## Data sheet | Item number: 891-8993/205-601

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; 6 m; 1,00 mm<sup>2</sup>; black

[www.wago.com/891-8993\\_205-601](http://www.wago.com/891-8993_205-601)



### Item description

#### Cable assembly *WINSTA*® MINI 3-pole

The *WINSTA*® MINI cable assembly with protection against mismatching supports rapid, correct installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in seconds. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The *WINSTA*® MINI pluggable installation connector with A coding in black or white is normally used for general mains applications in power distribution. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since due to LED technology, these offer much less space for the connection technology. This product meets all the mandatory safety requirements of fire class E; thus it can be used in areas where fire safety is relevant.

#### Fast, error-free assembly thanks to 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 strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Using this pre-assembled system decreases assembly times and installation errors at the construction site. Choose durability and quality – the *WINSTA*® MINI pluggable installation connector with marking from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismatching
- consistent IP40 protection
- for any mains application
- ready to install and use immediately
- fast, secure installation

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

WAGO Corporation  
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Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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## Data Notes

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

Total number of potentials	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	3
Sheathed cable diameter	6.3 ... 8 mm
Wire cross-section	1 mm <sup>2</sup>
Strip length (outer insulation)	40 mm
Connection type	Plug - Free end

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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	6 m

## Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	L $\perp$ N
Potential Marking	L $\perp$ N
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	H05VV-F 3G1
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	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated

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Fire load	179.724 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Sheath material	PVC
Weight	446.4 g
Copper weight of the pipe	0.029 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	4055143355339
Customs tariff number VKOrg Germany	85444290900

## 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>

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

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## Optional accessories

### Cover

Other



**Item no.: 897-2001**

Protective cap; Type1; for sockets and plugs; PVC; red

[www.wago.com/897-2001](http://www.wago.com/897-2001)

### 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

891-8993/205-601 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/205-601 doc - Datei	2014 Nov 26	doc 26.1 kB	Download

## CAD files

### CAE data

WSCAD Universe 891-8993/205-601	URL	Download
WSCAD Universe 891-8993/205-601	URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8993/205-601 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; 6 m; 1,00 mm <sup>2</sup> ; black	URL	Download
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## Installation Notes

## Product family

### WINSTA® MINI

[Show all products from the family](#)

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