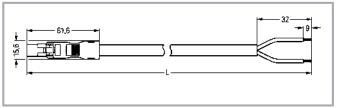
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; 3 m; 1,00 mm<sup>2</sup>; white



www.wago.com/891-8992\_215-302





### Item description

#### Cable assembly WINSTA® MINI rated current 10 A

For power and signal transmission: The *WINSTA*® MINI cable assembly with protection type IP20. WAGO pluggable installation connectors are used when specifications repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 follows the trend towards miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since due to LED technology, these offer significantly less space for the connection technology. This product meets all the relevant safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

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

A plug and a free end are available. 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. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MINI pluggable installation connectors with strain relief hosting from WAGO.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with A coding for a great number of uses
- custom-engineered solutions
- 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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Email: info.us@wago.com | Web: www.wago.us

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Data Notes

Note

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

#### 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)	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.

### Connection data

Total number of potentials	2
Conductor preparation	ultrasonically tip-bonded

# Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	2
Sheathed cable diameter	5.9 7.5 mm
Wire cross-section	1 mm²
Strip length (outer insulation)	32 mm
Connection type	Plug - Free end

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# Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	3 m

#### Mechanical data

General mains applications
A
No
LN
LN
approx. 20 70 N (depending on pole number)
when locked: > 80N
when unlocked: approx. 20 70 N (depending on pole number)
200, without resistive load
Plug - free end
Connecting cable
H05Z1Z1-F 2x1
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	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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89.556 MJ
white
black
white
white
black
Yes
Halogen-free
175.7 g
0.019 kg/m

# **Environmental requirements**

Processing temperature	-5 +40 ℃
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	4055143392440
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	www.wago.com/890-111
Item no.: 890-101 Locking lever; for manual operation; black	www.wago.com/890-101
Item no.: 890-121 Locking lever; for manual operation; white	www.wago.com/890-121
Item no.: 890-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/890-131

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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

Mounting

Mounting accessories

Item no.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/890-310

Item no.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

www.wago.com/890-311

**Downloads** 

#### Documentation

#### **Bid Text**

891-8992/215-302	2019 Feb 19	xml 3.1 kB	Download
X81 - Datei		3.1 KD	
891-8992/215-302	2014 Nov 21	doc	Download
doc - Datei		25.1 kB	

### **CAD files**

#### CAE data

WSCAD Universe 891-8992/215-302	URL	Download
WSCAD Universe 891-8992/215-302	URL	Download

### **Environmental Product Compliance**

# Compliance Search

Environmental Product Compliance 891-8992/215-302 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; 3 m; 1,00

URL D

Download

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

**WAGO** Corporation

mm<sup>2</sup>; white

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**Installation Notes** 

**Product family** 

WINSTA® MINI

Show all products from the family

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