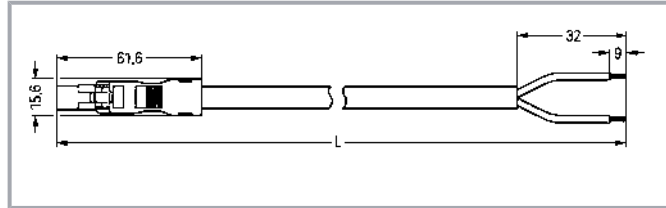


## Data sheet | Item number: 891-8992/206-102

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A;  
H05VV-F 2 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; white

[www.wago.com/891-8992\\_206-102](http://www.wago.com/891-8992_206-102)



### Item description

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

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly 2-pole. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in seconds. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. General mains applications for almost any domain of use can be realised with *WINSTA*® MINI pluggable installation connectors with A coding. *WINSTA*® MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology. According to the European CPR, the fire class of the cables used for construction is decisive for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

#### Fast, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is equipped with a plug and a free end. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with fire class E from WAGO makes the installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for use in many general mains applications
- custom-engineered solutions
- 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.

## 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)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	16 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	6.8 ... 8.6 mm
Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	32 mm
Connection type	Plug - Free end

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



## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 m

## Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	L N
Potential Marking	L 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 2x1.5
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	white
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	29.556 MJ
Connector color	white
Printing color of mating face	black
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	86.2 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	4055143362870
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>

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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

891-8992/206-102 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8992/206-102 doc - Datei	2014 Nov 21	doc 25.6 kB	Download

### CAD files

#### CAE data

WSCAD Universe 891-8992/206-102	URL	Download
WSCAD Universe 891-8992/206-102	URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8992/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; H05VV-F 2 x 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; white	URL	Download
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## Installation Notes

## Product family

**WINSTA® MINI**

[Show all products from the family](#)

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