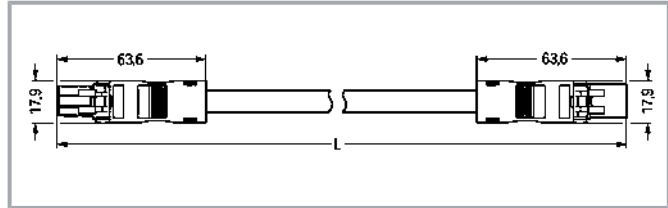


## Data sheet | Item number: 891-8993/006-802

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A;  
H05VV-F 3G 1.5 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; white

[www.wago.com/891-8993\\_006-802](http://www.wago.com/891-8993_006-802)



### Item description

#### Cable assembly *WINSTA*® MINI A coding

For power and signal transmission: The *WINSTA*® MINI cable assembly with protection type IP20. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow flexible, error-free installation in numerous possible uses. 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 satisfies the demand for 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 critical for building safety, too. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

#### Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are provided. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also lower installation expenses without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for use in many general mains applications
- exact dimensions
- 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	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Number of poles	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm <sup>2</sup>
Connection type	Socket - Plug

## Physical data

Pin spacing  
4.4 mm / 0.173 inch

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



Total length	8 m
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## 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	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 3G1.5
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
Fire load	239.603 MJ
Connector color	white
Printing color of mating face	black

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

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Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	809.2 g
Copper weight of the pipe	0.043 kg/m

### Environmental requirements



Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures $\leq 70$ °C (including halogen-free) Insulating parts for temperatures $\leq 105$ °C

### Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143396844
Customs tariff number VKOrg Germany	85444290900

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7823
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-112995

### Required accessories

#### Locking levers

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



<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.: 897-2001</b> Protective cap; Type1; for sockets and plugs; PVC; red	<a href="http://www.wago.com/897-2001">www.wago.com/897-2001</a>
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## Downloads

### Documentation

#### Bid Text

891-8993/006-802 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/006-802 doc - Datei	2014 Nov 26	doc 23.6 kB	Download

### CAD files

#### CAE data

WSCAD Universe 891-8993/006-802	URL	Download
WSCAD Universe 891-8993/006-802	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8993/006-802	URL	Download
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm <sup>2</sup> ; 8 m; 1,50 mm <sup>2</sup> ; white		

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## Installation Notes

### Product family

**WINSTA® MINI**

[Show all products from the family](#)

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