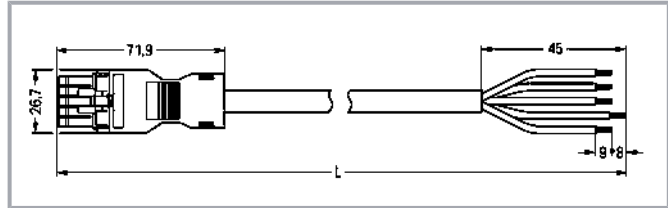


## Data sheet | Item number: 891-8995/106-101

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A;  
H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

[www.wago.com/891-8995\\_106-101](http://www.wago.com/891-8995_106-101)



### Item description

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

Use effective pluggable connections instead of laborious screw connections: With the **WINSTA®** MINI cable assembly A coding, WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specified grid, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The pluggable installation connector is protected in accordance with protection type IP40. Users' hands and tools will never come into contact with live elements. The **WINSTA®** MINI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. **WINSTA®** MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for instance, since as a result of LED technology; due to complex systems, these offer less and less space for the connection technology. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

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

The cable assembly is provided with a socket and a free end. **WINSTA®** is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with **WINSTA®** MINI pluggable installation connectors with marking from WAGO.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with A coding for a great number of uses
- flexible installation to save space
- convenient installation and commissioning

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

WAGO Corporation  
Germantown, WI 53022  
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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.
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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)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	13 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	5
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	5
Sheathed cable diameter	9.3 ... 11.6 mm
Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	45 mm
Connection type	Socket - Free end

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## 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	N $\nabla$ 1 2 3
Potential Marking	N $\nabla$ 1 2 3
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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5G1.5
Protection type	IP40

## 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	29.939 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	165.5 g
Copper weight of the pipe	0.072 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	4055143386593
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

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## Counterpart

<b>Item no.890-115</b> Plug; with strain relief housing; 5-pole; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-115">www.wago.com/890-115</a>
<b>Item no.890-215</b> Plug; 5-pole; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-215">www.wago.com/890-215</a>
<b>Item no.890-621</b> T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black	<a href="http://www.wago.com/890-621">www.wago.com/890-621</a>
<b>Item no.890-622</b> T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black	<a href="http://www.wago.com/890-622">www.wago.com/890-622</a>
<b>Item no.890-715</b> WINSTA® through-panel plug (male); MINI; snap-in; N/G/1/2/3 marking; 5-pole; black	<a href="http://www.wago.com/890-715">www.wago.com/890-715</a>
<b>Item no.890-930</b> h-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black	<a href="http://www.wago.com/890-930">www.wago.com/890-930</a>
<b>Item no.890-929</b> h-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black	<a href="http://www.wago.com/890-929">www.wago.com/890-929</a>
<b>Item no.890-815/011-000</b> Plug for PCBs; angled; 5-pole; Cod. A; black	<a href="http://www.wago.com/890-815/011-000">www.wago.com/890-815/011-000</a>
<b>Item no.890-815</b> Plug for PCBs; straight; 5-pole; Cod. A; black	<a href="http://www.wago.com/890-815">www.wago.com/890-815</a>

## 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>

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



## Cover

Other



Item no.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

[www.wago.com/897-2003](http://www.wago.com/897-2003)

## Downloads

## Documentation

## Bid Text

891-8995/106-101 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8995/106-101 doc - Datei	2014 Dec 1	doc 25.1 kB	Download

## CAD files

## CAE data

WSCAD Universe 891-8995/106-101	URL	Download
WSCAD Universe 891-8995/106-101	URL	Download

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 891-8995/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm <sup>2</sup> ; 1 m; 1,50 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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