

## Data sheet | Item number: 891-8995/006-601

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A;  
H05VV-F 5G 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; black

[www.wago.com/891-8995\\_006-601](http://www.wago.com/891-8995_006-601)



### Item description

#### Cable assembly **WINSTA®** MINI 5-pole

For signal and power transmission: The **WINSTA®** MINI cable assembly A coding. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow fast, efficient, error-free installation in numerous applications. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical 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 primarily suited for lights, for example, since due to LED technology, these offer less and less space for the connection technology. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. 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

A socket and a plug 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 assembly times and errors during installation at the construction site. Choose quality and durability – 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
- with A coding for use in many general mains applications
- 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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## 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

Number of poles	5
Sheathed cable diameter	9.3 ... 11.6 mm
Wire cross-section	1.5 mm <sup>2</sup>
Connection type	Socket - Plug

## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	6 m

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## 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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 5G1.5
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	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	179.886 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Sheathed cable color	black

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Printing color of sheathed cable	white
Halogen-free	No
Sheath material	PVC
Weight	950.4 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 $\leq 70$ °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	4055143386555
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
Item no.: 890-111
Locking lever; for flying leads; for tool operation; black
<a href="http://www.wago.com/890-111">www.wago.com/890-111</a>

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

**Item no.: 890-101**

Locking lever; for manual operation; black

[www.wago.com/890-101](http://www.wago.com/890-101)**Item no.: 890-121**

Locking lever; for manual operation; white

[www.wago.com/890-121](http://www.wago.com/890-121)**Item no.: 890-131**

Locking lever; for flying leads; for tool operation; white

[www.wago.com/890-131](http://www.wago.com/890-131)**Optional accessories****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)**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**

891-8995/006-601 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8995/006-601 doc - Datei	2014 Dec 1	doc 25.1 kB	Download

**CAD files****CAE data**

WSCAD Universe 891-8995/006-601	URL	Download
ZUKEN Portal 891-8995/006-601	URL	Download
WSCAD Universe 891-8995/006-601	URL	Download

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## CAD data

2D/3D Models 891-8995/006-601

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8995/006-601

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## Installation Notes

## Product family

WINSTA® MINI

[Show all products from the family](#)

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