

## Data sheet | Item number: 891-8992/105-802

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. A;  
H05VV-F 2 x 1.0 mm<sup>2</sup>; 8 m; 1,00 mm<sup>2</sup>; white

[www.wago.com/891-8992\\_105-802](http://www.wago.com/891-8992_105-802)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:

### Item description

- Protected against mismatching and maintenance-free
- Low profile with 4.4 mm pole spacing

### Note:

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

### Safety information 1:

Application note for the U.S. market (USR): 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.

### Data

#### Electrical data

Note on Contact Resistance

approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/socket

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

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Do you have any questions about our products?  
We are always happy to take your call at +91-120-4388700.



## Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

## Connection data

Strip length	9 mm / 0.35 inch
Pole No.	2
Total number of potentials	2
Conductor preparation	tip-bonded
Sheathed cable diameter	5.9 ... 7.5 mm
Wire cross-section	1 mm <sup>2</sup>
Strip length (outer insulation)	32 mm
Connection type	Socket - Free end

## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	8 m

## Mechanical data

Application	General mains applications
Coding	A
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	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 2x1
Protection type	IP40

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## Plug-in connection

Mismating protection	Yes
Note on mismating protection	All WINSTA <sup>®</sup> 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	retrofitable
Locking of plug-in connection	locking lever

## Material Data

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	9.238 MJ
Connector color	white
Printing color of mating face	black
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	460.6 g

## 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

Packaging type	not packed
Country of origin	PL
GTIN	4055143362351
Customs tariff number	85444290900







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## Required accessories

### Locking lever

	<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.: 890-111</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.: 890-121</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>
<b>assembling</b>		
	<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>

## Downloads

### Documentation

#### Bid Text

891-8992/105-802 doc - Datei	Nov 24, 2014	doc 24.6 kB	Download
891-8992/105-802 X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

### CAD/CAE-Data

#### CAE data

WSCAD Universe 891-8992/105-802	URL	Download
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## Installation Notes

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



## Product family

*WINSTA*® MINI

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