

**Data sheet | Item number: 890-930**

h-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black

[www.wago.com/890-930](http://www.wago.com/890-930)



Color:

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

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We are always happy to take your call at +49 (571) 887-44222.



## Item description

### Distribution connector *WINSTA*® MINI with protection against mismatching

The *WINSTA*® MINI distribution connector rated current 13 A supports rapid, correct installation. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow flexible, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The *WINSTA*® MINI pluggable installation connector with A coding in white or black is normally used for general mains applications in power distribution. Especially where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its strengths. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the installation is low-maintenance and requires no screw connections.

### *WINSTA*® MINI solutions for your electrical installation – protected against mismatching and maintenance-free

The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components significantly easier.

- effective protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for use in a large number of general mains applications
- flexible installation to save space
- rapid, structured electrical installation

## Data

### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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

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## Ratings per UL 1977

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.

Rated voltage (UL 1977)	600 V
Rated current UL 1977	12 A

## General information

Note on contact resistance

approx. 1 mΩ of contact resistance  
approx. 0.25 mΩ contact transition plug/socket

## Connection data

Total number of potentials	5
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## Connection 1

Pole number	5
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## Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	25.2 mm / 0.992 inches
Height	32.65 mm / 1.285 inches
Depth	63.5 mm / 2.5 inches

## Mechanical Data

Application	General mains applications
Coding	A
Variable coding	No
Marking	N $\perp$ 1 2 3
Potential marking	N $\perp$ 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: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Type of distribution box	h-distribution connector, outputs at one end

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Protection type	IP20; IP40 when mated
Suitable	for flying leads

### Plug-in connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> <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	yes
Locking of plug-in connection	locking lever
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).
Number of locking levers	

### Material Data

Note (material data)	Information on material specifications can be found here
Color	black
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.369 MJ
Weight	23.4 g

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

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



## Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821255123
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 61535	71-123231
	<b>CCA</b> DEKRA Certification B.V.	IEC 61535	NL-85020
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1977	E45171

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	Steel Vessel Rules	19-HG1869855-PDA

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DNV GL

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TAE00001Z6

## Counterpart

<b>Item no.890-105</b> Socket; with strain relief housing; 5-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-105">www.wago.com/890-105</a>
<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.891-8995/006-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/891-8995/006-101">www.wago.com/891-8995/006-101</a>
<b>Item no.890-205</b> Socket; 5-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-205">www.wago.com/890-205</a>
<b>Item no.890-215</b> Plug; 5-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-215">www.wago.com/890-215</a>
<b>Item no.891-8995/106-101</b> 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	<a href="http://www.wago.com/891-8995/106-101">www.wago.com/891-8995/106-101</a>
<b>Item no.891-8995/206-101</b> pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/891-8995/206-101">www.wago.com/891-8995/206-101</a>

## Required accessories

### Mounting

Mounting accessories	
<b>Item no.: 890-625</b> Mounting plate; 5-pole; for distribution connectors; Plastic; black	<a href="http://www.wago.com/890-625">www.wago.com/890-625</a>
<b>Item no.: 890-675</b> Mounting plate; 5-pole; for distribution connectors; Plastic; white	<a href="http://www.wago.com/890-675">www.wago.com/890-675</a>

## Downloads

### Documentation

#### Bid Text

890-930 X81 - Datei	2019 年2月19 日	xml 2.9 kB	Download
890-930 doc - Datei	2014 年12月1 日	doc 23.0 kB	Download

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## CAD/CAE-Data

### CAD data

2D/3D Models 890-930	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

WSCAD Universe 890-930	<a href="#">URL</a>	<a href="#">Download</a>
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ZUKEN Portal 890-930	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 890-930	<a href="#">URL</a>	<a href="#">Download</a>
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## Installation Notes

### Installation



Secure the mounting plate via pins.

## Product family

**WINSTA® MINI**

[Show all products from the family](#)

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