

**Data sheet | Item number: 890-634**

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

[www.wago.com/890-634](http://www.wago.com/890-634)



**Color:**



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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Item description

### Distribution connector *WINSTA*® MINI 3-pole

The *WINSTA*® MINI distribution connector 3-pole is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in next to no time. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The *WINSTA*® MINI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. Where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the installation is low-maintenance and can be performed without screw connections.

### Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® MINI

The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. 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 locking lever from WAGO.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for a great number of uses
- custom-engineered solutions
- convenient installation and commissioning

## Data

### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## 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	14 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	3
PE function	Preceding PE contact

## Connection 1

Pole number	3
-------------	---

## Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	16.4 mm / 0.646 inches
Height	29 mm / 1.142 inches
Depth	57.85 mm / 2.278 inches

## 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: > 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

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



Protection type	IP20; IP40 when mated
-----------------	-----------------------

## 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	0.28 MJ
-----------	---------

Weight	13.4 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	4045454404475
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

## 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-

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



		PDA
<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
<b>LR</b> Lloyds Register	EN 61535	08/20047 (E2)

## Counterpart

<b>Item no.890-103</b> Socket; with strain relief housing; 3-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-103">www.wago.com/890-103</a>
<b>Item no.890-113</b> Plug; with strain relief housing; 3-pole; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-113">www.wago.com/890-113</a>
<b>Item no.890-203</b> Socket; 3-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-203">www.wago.com/890-203</a>
<b>Item no.890-213</b> Plug; 3-pole; Cod. A; 1,50 mm <sup>2</sup> ; black	<a href="http://www.wago.com/890-213">www.wago.com/890-213</a>
<b>Item no.891-8993/005-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; 1 m; 1,00 mm <sup>2</sup> ; black	<a href="http://www.wago.com/891-8993/005-101">www.wago.com/891-8993/005-101</a>
<b>Item no.891-8993/105-101</b> pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm <sup>2</sup> ; black	<a href="http://www.wago.com/891-8993/105-101">www.wago.com/891-8993/105-101</a>
<b>Item no.891-8993/205-101</b> pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm <sup>2</sup> ; black	<a href="http://www.wago.com/891-8993/205-101">www.wago.com/891-8993/205-101</a>

## Required accessories

### Mounting

Mounting accessories	
<b>Item no.: 890-623</b> Mounting plate; 3-pole; for distribution connectors; Plastic; black	<a href="http://www.wago.com/890-623">www.wago.com/890-623</a>
<b>Item no.: 890-673</b> Mounting plate; 3-pole; for distribution connectors; Plastic; white	<a href="http://www.wago.com/890-673">www.wago.com/890-673</a>

## Downloads

### Documentation

#### Bid Text

890-634 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
890-634 doc - Datei	2018 年11月30 日	doc 23.0 kB	Download

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



## CAD/CAE-Data

### CAD data

2D/3D Models 890-634	<a href="#">URL</a>	<a href="#">Download</a>
----------------------	---------------------	--------------------------

### CAE data

ZUKEN Portal 890-634	<a href="#">URL</a>	<a href="#">Download</a>
----------------------	---------------------	--------------------------

EPLAN Data Portal 890-634	<a href="#">URL</a>	<a href="#">Download</a>
---------------------------	---------------------	--------------------------

WSCAD Universe 890-634	<a href="#">URL</a>	<a href="#">Download</a>
------------------------	---------------------	--------------------------

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 890-634	<a href="#">URL</a>	<a href="#">Download</a>
--	---------------------	--------------------------

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

## Installation Notes

### Installation



Secure the mounting plate via pins.

## Product family

**WINSTA® MINI**

[Show all products from the family](#)

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