

**Data sheet | Item number: 890-1763**

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

[www.wago.com/890-1763](http://www.wago.com/890-1763)



Color:



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

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## Item description

### Distribution connector *WINSTA*® MINI B coding

The *WINSTA*® MINI distribution connector with locking latch is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors can be used when requirements repeat or are planned on a defined grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are suitable for applications involving process control, such as for lighting or within data networks. Particularly if only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its strengths. It saves space, and, with 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.

### Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The *WINSTA*® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Enjoy the benefits 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 mismatching
- easy tool-free operation, a wide range of coding options
- with B coding for controllers, for example sun blinds and lighting fixtures
- exact dimensions
- fast, secure installation

## Data

### Notes

Variants:

Other pole markings

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

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### 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
Note (rated current)	13 A for 3-pole load
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### 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 m $\Omega$ of contact resistance approx. 0.25 m $\Omega$ contact transition plug/socket
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### Connection data

Total number of potentials	3
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### Connection 1

Pole number	3
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### Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	16.4 mm / 0.646 inches
Height	29 mm / 1.142 inches
Depth	63.5 mm / 2.5 inches

### Mechanical Data

Application	Control technology
Coding	B

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



Variable coding	No
Marking	1 2 3
Potential marking	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
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	pink
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin

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



Fire load	0.14 MJ
Weight	13.9 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

### 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	4050821530756
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>CB</b> DEKRA Certification B.V.	IEC 61984	NL-64351
	<b>CB</b> DEKRA Certification B.V.	EN 61984	71-112993
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1977	E45171
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60320	2148952.04

#### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
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<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>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

#### Counterpart

<b>Item no.890-283</b> Socket; 3-pole; Cod. B; 1,50 mm <sup>2</sup> ; pink	<a href="http://www.wago.com/890-283">www.wago.com/890-283</a>
<b>Item no.890-293</b> Plug; 3-pole; Cod. B; 1,50 mm <sup>2</sup> ; pink	<a href="http://www.wago.com/890-293">www.wago.com/890-293</a>
<b>Item no.891-8993/005-107</b> pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; pink	<a href="http://www.wago.com/891-8993/005-107">www.wago.com/891-8993/005-107</a>
<b>Item no.891-8993/105-107</b> pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; pink	<a href="http://www.wago.com/891-8993/105-107">www.wago.com/891-8993/105-107</a>
<b>Item no.891-8993/205-107</b> pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; pink	<a href="http://www.wago.com/891-8993/205-107">www.wago.com/891-8993/205-107</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

890-1763 X81 - Datei	2019 年2月19日	xml 3.0 kB	Download
890-1763 doc - Datei	2014 年12月2日	doc 23.0 kB	Download

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## CAD/CAE-Data

### CAD data

2D/3D Models 890-1763	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

WSCAD Universe 890-1763	<a href="#">URL</a>	<a href="#">Download</a>
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ZUKEN Portal 890-1763	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 890-1763	<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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