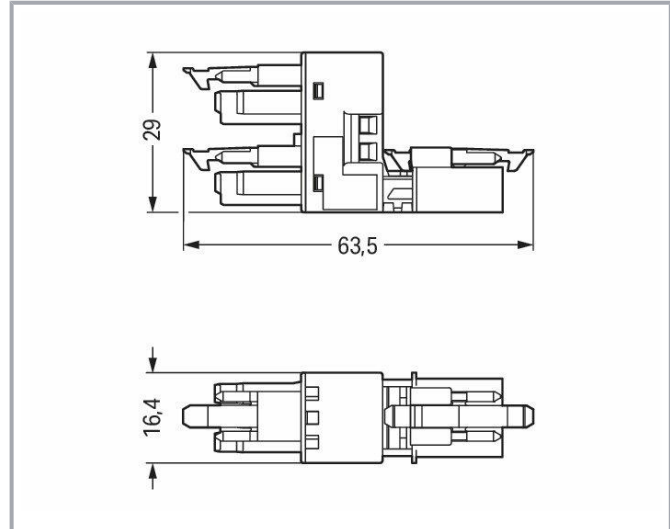
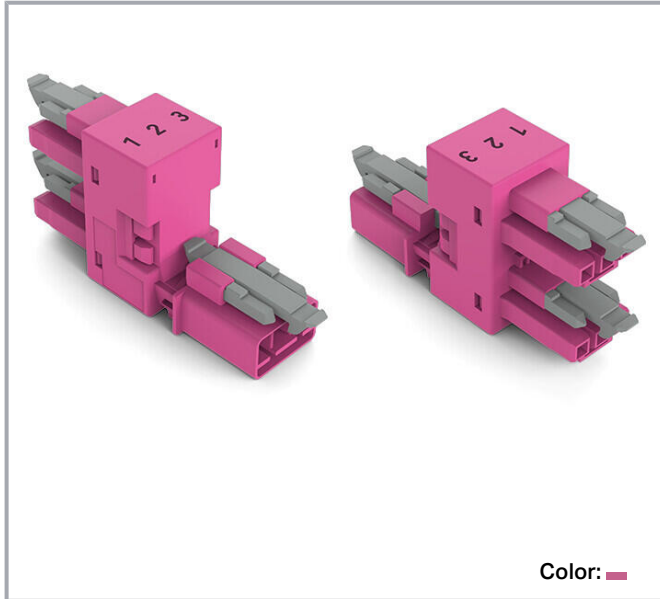


Data sheet | Item number: 890-1763

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



Item description

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

The **WINSTA®** MINI distribution connector 3-pole supports rapid, correct installation. WAGO pluggable installation connectors are used when criteria repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in the domains of automation, robotics, and mechanical engineering. Thanks to its particularly minimal dimensions, our **WINSTA®** MINI Pluggable Connection System with Push-in **CAGE CLAMP®** spring pressure connection technology is very suitable in very tight spaces, i.e., for connections when very little room is available.

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

The **WINSTA®** Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at the construction site. Now you can also cut installation expenses without compromising safety and quality: with locking lever eliminates the need for

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 | Web: www.wago.com

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servicing and prevents unnecessary downtime.

-
- effective protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for use in process automation, such as lighting technology, for example
- custom-engineered solutions
- convenient installation and commissioning

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

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

Ratings per IEC/EN – Notes

Note (rated current)	13 A for 3-pole load
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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	14 A

General information

Note on contact resistance approx. 1 mΩ of contact resistance

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approx. 0.25 mΩ contact transition plug/socket

Connection data

Total number of potentials	3
----------------------------	---

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	63.5 mm / 2.5 inches

Mechanical data

Application	Control technology
Coding	B
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 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

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



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
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
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821530756

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




Customs tariff number 85366990990

Environmental Product Compliance



RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates


General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-64351
	CB DEKRA Certification B.V.	EN 61984	71-112993
	cURus Underwriters Laboratories Inc.	UL 1977	E45171
	KEMA/KEUR DEKRA Certification B.V.	EN 60320	2148952.04

Declarations of conformity and manufacturer's declarations

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

Approvals for marine applications

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

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Counterpart



Item no. 890-283

Socket; 3-pole; Cod. B; 1,50 mm²; pinkwww.wago.com/890-283

Item no. 890-293

Plug; 3-pole; Cod. B; 1,50 mm²; pinkwww.wago.com/890-293

Item no. 891-8993/005-107

pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm²; pinkwww.wago.com/891-8993/005-107

Item no. 891-8993/105-107

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm²; pinkwww.wago.com/891-8993/105-107

Item no. 891-8993/205-107

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm²; pinkwww.wago.com/891-8993/205-107

Required accessories

Mounting

Mounting accessories



Item no.: 890-623

Mounting plate; 3-pole; for distribution connectors; Plastic; black

www.wago.com/890-623

Item no.: 890-673

Mounting plate; 3-pole; for distribution connectors; Plastic; white

www.wago.com/890-673

Downloads

Documentation

Bid Text

Item no.	File name	Date	Format	Size	Action
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

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2D/3D Models 890-1763	URL	Download
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CAE data

WSCAD Universe 890-1763	URL	Download
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ZUKEN Portal 890-1763	URL	Download
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Asset Administration Shell

Asset Administration Shell 890-1763	URL	Download
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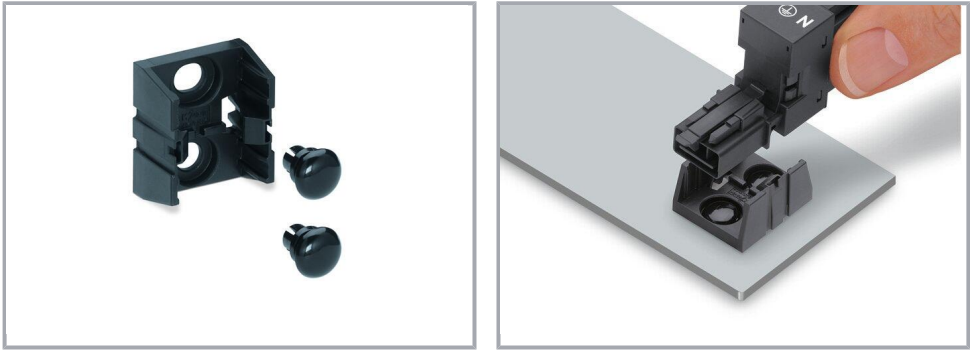
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-1763	URL	Download
h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; pink		

Installation Notes

Installation



Secure the mounting plate via pins.

Product family

WINSTA® MINI
[Show all products from the family](#)

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