

Data sheet | Item number: 890-1762

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



www.wago.com/890-1762



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 rated current 16 A

The *WINSTA*® MINI distribution connector with protection against mismatching allows assembly of fine-stranded and solid conductors. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow flexible, error-free installation in numerous applications. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. Pluggable installation connectors with B coding from the *WINSTA*® MINI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible as well. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also cut installation expenses without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with locking lever eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- with B coding for controllers such as lighting fixtures and sun blinds
- exact dimensions
- 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

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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) ≙ 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 mΩ of contact resistance approx. 0.25 mΩ 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
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)

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



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> [®] 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	light green
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

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



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	4050821530749
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
	CB DEKRA Certification B.V.	EN 61984	71-112993
	CB DEKRA Certification B.V.	IEC 61984	NL-64351
	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	-	-

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UK-Declaration of Conformity
WAGO GmbH & Co. KG

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Approvals for marine applications

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

Counterpart

Item no.890-263 Socket; 3-pole; Cod. B; 1,50 mm ² ; light green	www.wago.com/890-263
Item no.891-8993/005-105 pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm ² ; light green	www.wago.com/891-8993/005-105
Item no.890-273 Plug; 3-pole; Cod. B; 1,50 mm ² ; light green	www.wago.com/890-273
Item no.891-8993/105-105 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm ² ; light green	www.wago.com/891-8993/105-105
Item no.891-8993/205-105 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 1 m; 1,00 mm ² ; light green	www.wago.com/891-8993/205-105

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**

890-1762 X81 - Datei	2019 年2月19日	xml 3.0 kB	Download
890-1762 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 890-1762	URL	Download
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CAE data

ZUKEN Portal 890-1762	URL	Download
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WSCAD Universe 890-1762	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-1762	URL	Download
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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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