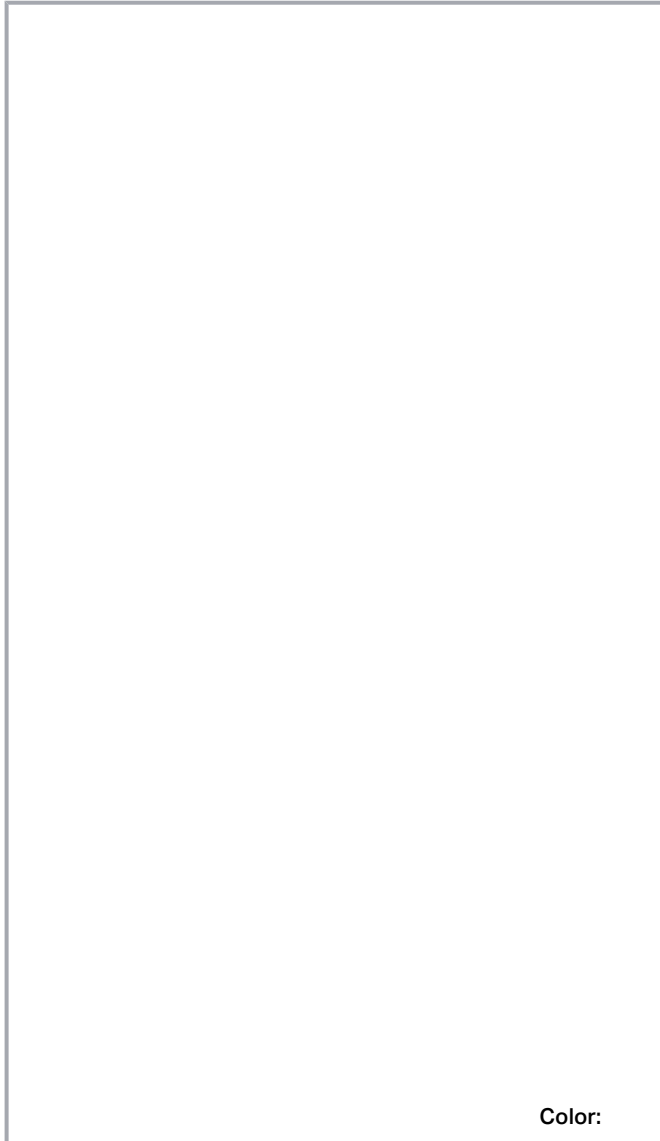


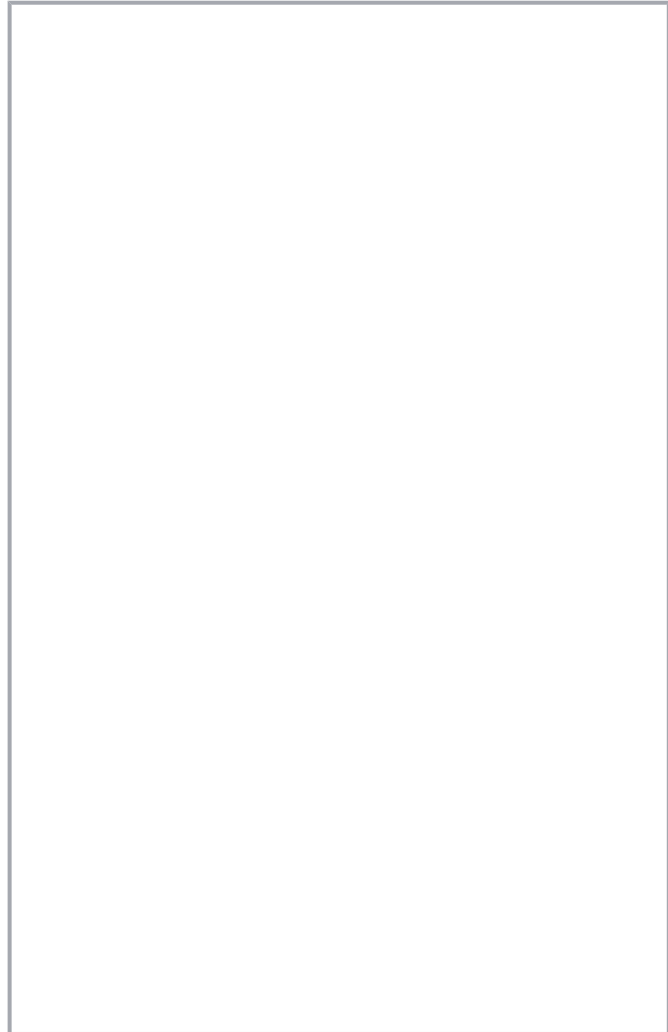
Data sheet | Item number: 890-982

h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on one side; 2 locking levers; blue

www.wago.com/890-982



Color:



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

WAGO GmbH & Co. KG
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Item description

Distribution connector *WINSTA*® MINI with protection against mismatching

The *WINSTA*® MINI distribution connector with protection against mismatching supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. *WINSTA*® MINI pluggable installation connectors with I coding in blue are especially suitable for intelligent, for example for the dimming of DALI lights. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for instance, since due to LED technology, these offer less and less space for the connection technology.

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

The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also reduce installation costs without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with I coding for use in the automation of buildings (lighting control)
- ready to install and use immediately
- fast, secure 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	16 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
PE function	Preceding PE contact

Connection 1

Pole number	5
-------------	---

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	57.85 mm / 2.278 inches

Mechanical Data

Application	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N \perp L - +
Potential marking	N \perp L - +
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!



Protection type	IP20; IP40 when mated
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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	blue
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	0.389 MJ
Weight	22.9 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

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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	4050821300328
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
	CCA DEKRA Certification B.V.	EN 61535	71-123231
	CCA DEKRA Certification B.V.	IEC 61535	NL-85020
	cURus Underwriters Laboratories Inc.	UL 1977	E45171

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
	ABS American Bureau of Shipping	Steel Vessel Rules	19-HG1869855-

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PDA

DNV GL

Det Norske Veritas, Germanischer Lloyd

TAE00001Z6

Counterpart

Item no.890-1105Socket; 5-pole; Cod. I; 1,50 mm²; bluewww.wago.com/890-1105**Item no.890-1115**Plug; 5-pole; Cod. I; 1,50 mm²; bluewww.wago.com/890-1115**Item no.891-8985/106-101**pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; bluewww.wago.com/891-8985/106-101**Item no.891-8985/006-101**pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; bluewww.wago.com/891-8985/006-101**Item no.891-8985/206-101**pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; bluewww.wago.com/891-8985/206-101

Required accessories

Mounting

Mounting accessories

Item no.: 890-625

Mounting plate; 5-pole; for distribution connectors; Plastic; black

www.wago.com/890-625**Item no.: 890-675**

Mounting plate; 5-pole; for distribution connectors; Plastic; white

www.wago.com/890-675

Downloads

Documentation

Bid Text

890-982 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
890-982 doc - Datei	2014 年12月1 日	doc 23.0 kB	Download

CAD/CAE-Data

CAD data

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2D/3D Models 890-982

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CAE data

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ZUKEN Portal 890-982

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-982

[URL](#)

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h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on one side; 2 locking levers; blue

Installation Notes

Installation



Secure the mounting plate via pins.

Product family

WINSTA® MINI

[Show all products from the family](#)

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