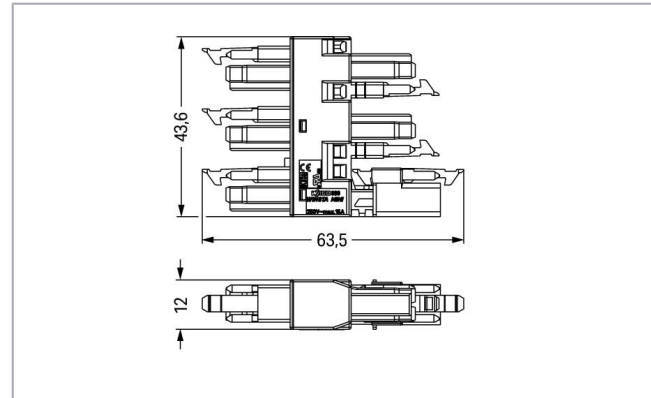
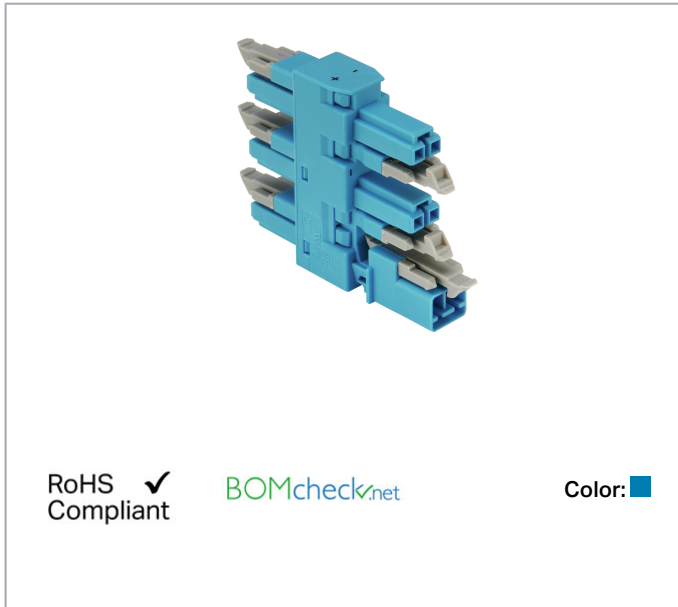


## Data sheet | Item number: 890-1907

5-way distribution connector; 2-pole; Cod. I; 1 input; 5 outputs; blue

[www.wago.com/890-1907](http://www.wago.com/890-1907)



### Item description

- Protected against mismatching and maintenance-free
- Low profile with 4.4 mm pole spacing

### Data

#### Electrical data

Note on contact resistance

approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/socket

#### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

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

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



## Ratings per UL

Hinweis für den amerikanischen Markt

Application note for the U.S. market (USR): 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

## Connection data

Pole No.	2
Total number of potentials	2

## Physical data

Pin spacing	4.4 mm / 0.173 inch
Width	12 mm / 0.472 inch
Height	43.6 mm / 1.717 inch
Depth	63.5 mm / 2.5 inch

## Mechanical data

Application	DALI, Lighting Management
Coding	I
Marking	+ -
Potential marking	+ -
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
Distributor type	Distribution connector (5-way)
Protection type	IP20
Note on protection type	IP40 when mated

## Plug-in connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Note on mismating protection	

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



All WINSTA<sup>®</sup> components are 100% protected against mismatching 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
Hinweis zur Verriegelung	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).

## Material data

Color	blue
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy (surface-treated)
Weight	17.9 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

Packaging type	BOX
Country of origin	DE
GTIN	4055143609043
Customs tariff number	85366990990

## Approvals / Certificates

### UL-Approvals






Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171

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

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## Counterpart

	<b>Item no.890-1102</b> Socket; 2-pole; Cod. I; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/890-1102">www.wago.com/890-1102</a>
	<b>Item no.890-1112</b> Plug; 2-pole; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/890-1112">www.wago.com/890-1112</a>
	<b>Item no.891-8982/106-101</b> pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/891-8982/106-101">www.wago.com/891-8982/106-101</a>
	<b>Item no.891-8982/006-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/891-8982/006-101">www.wago.com/891-8982/006-101</a>
	<b>Item no.891-8982/206-101</b> pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/891-8982/206-101">www.wago.com/891-8982/206-101</a>

## Required accessories

### assembling

	<b>Item no.: 890-1622</b> Mounting plate; for h-distribution connectors; 2-pole; black	<a href="http://www.wago.com/890-1622">www.wago.com/890-1622</a>
	<b>Item no.: 890-1672</b> Mounting plate; for h-distribution connectors; 2-pole; white	<a href="http://www.wago.com/890-1672">www.wago.com/890-1672</a>

## Downloads

### Documentation

#### Bid Text

890-1907 X81 - Datei	19. 2. 2019	xml 2.8 kB	Download
890-1907 doc - Datei	13. 4. 2017	doc 23.6 kB	Download

## Environmental Product Compliance

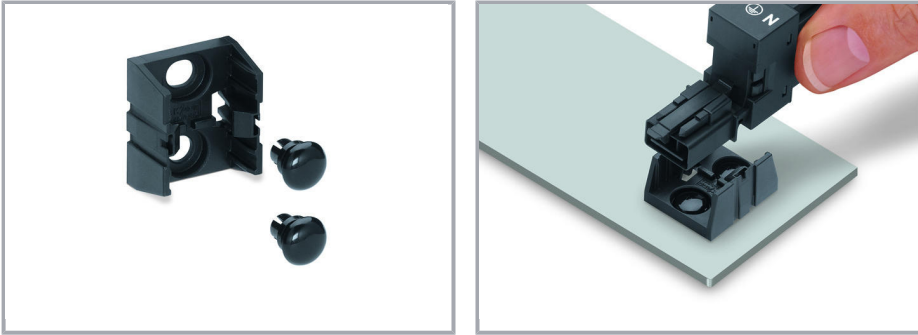
### Compliance Search

Environmental Product Compliance 890-1907 5-way distribution connector; 2-pole; Cod. I; 1 input; 5 outputs; blue	URL	Download
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Subject to changes. Please also observe the further product documentation!

## 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!