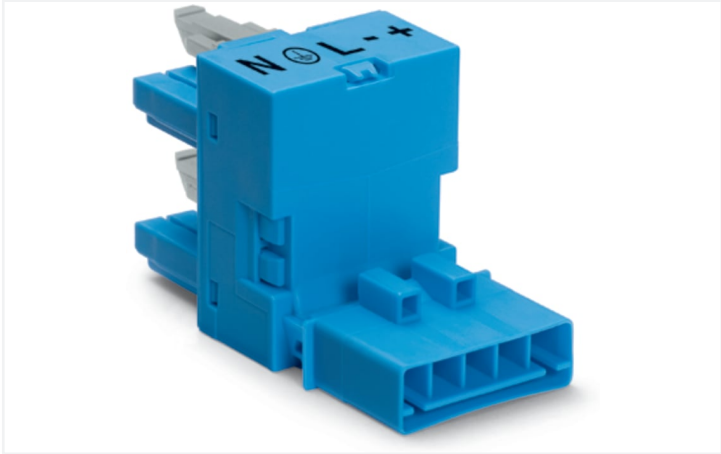


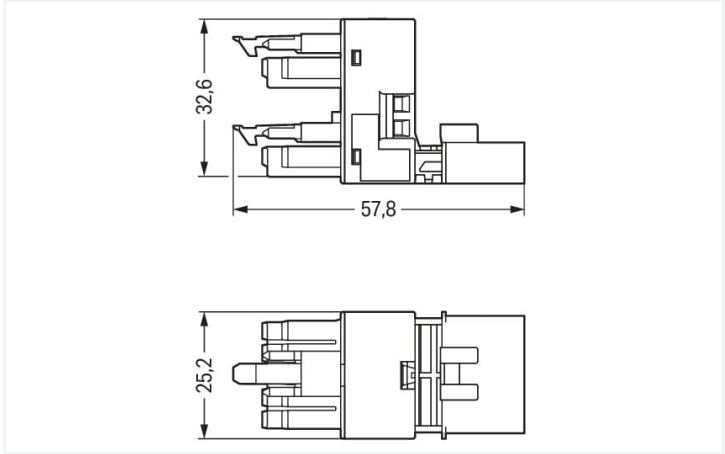
Data Sheet | Item Number: 890-982

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

<https://www.wago.com/890-982>



Color: ■ blue



Dimensions in mm

Distribution connector *WINSTA*® MINI with protection type IP20

The *WINSTA*® MINI distribution connector with locking latch supports fast, reliable installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. I coding in blue is used to mark *WINSTA*® MINI pluggable installation connectors, which are used predominantly in building automation for controlling lighting. Particularly where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its advantageous properties. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the connection 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!

*WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Now you can also cut installation costs without compromising safety and quality: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- consistent IP40 protection
- with I coding for controlling light (DALI standard)
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	400 V	-	-	
Rated surge voltage	6 kV	-	-	
Rated current	16 A	-	-	
Approvals per		UL 1977		
Rated voltage		600 V		
Rated current		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	<b>Connection 1</b>	
PE function	Preceding PE contact	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

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N ⊕ L - +
Potential marking	N ⊕ 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
Protection type	IP20; IP40 when mated

## Plug-in connection

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
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	2

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	blue
Material group	I
Insulation material (main housing)	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


Commercial data	
Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 9.0	EC002567
ETIM 8.0	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

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	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
		EU-Declaration of Conformity WAGO GmbH & Co. KG
		UK-Declaration of Conformity WAGO GmbH & Co. KG

Approvals for marine applications

		
Approval	Standard	Certificate Name
ABS American Bureau of Shipping	Steel Vessel Rules	19-HG1869855-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-982

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Documentation

Bid Text			
890-982	01.12.2014	doc 22.50 KB	↓
890-982	19.02.2019	xml 2.76 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 890-982

↓

CAE data

WSCAD Universe 890-982

↓

ZUKEN Portal 890-982

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



- 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; blue
- 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; blue
- 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; blue

1.1.2 Female connector/socket



- Item No.: 890-1105**  
Socket; 5-pole; Cod. I; 1,50 mm²; blue

1.1.3 Male connector/plug



- Item No.: 890-1115**  
Plug; 5-pole; Cod. I; 1,50 mm²; blue

1.2 Required Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



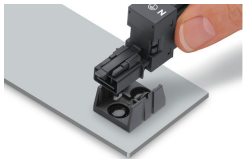
Item No.: 890-625  
Mounting plate; 5-pole; for distribution  
connectors; Plastic; black



Item No.: 890-675  
Mounting plate; 5-pole; for distribution  
connectors; Plastic; white

Installation Notes

Installation



Secure the mounting plate via pins.

