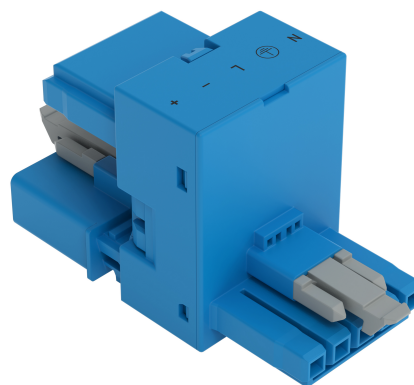
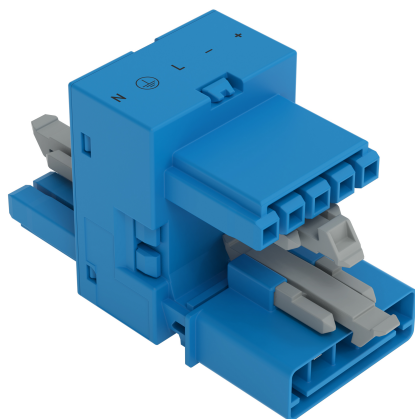


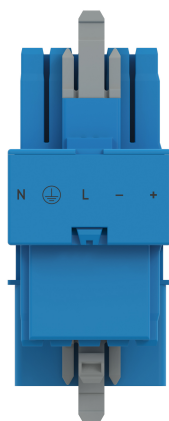
Data Sheet | Item Number: 890-993

h-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; outputs on both sides; 3 locking levers; for flying leads; blue

<https://www.wago.com/890-993>



Color: ■ blue



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

Notes

General safety information

1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100).
2. Do not install while energized or under load.
3. Use only for its intended purpose.
4. Observe applicable national regulations, standards and directives.
5. Observe the technical specifications of the products.
6. Ensure correct polarity assignment.
7. Do not use damaged or contaminated components.
8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters.
9. Insert conductors up to the stop.
10. Use only with locking lever and strain relief.
11. Use original accessories only.

To be sold only with installation instructions!

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\triangleq$ 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	12 A

General information

Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/socket
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Connection Data

Total number of potentials	5
PE function	Preceding PE contact

Connection 1

Pole number	5
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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	63.5 mm / 2.5 inches

Mechanical data

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N $\oplus$ L - +
Potential marking	N $\oplus$ 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
Suitable	for flying leads

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	3



Material data		
Note (material data)		Information on material specifications can be found here
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		0.33 MJ
Weight		22.5 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		
PU (SPU)		50 pcs
Packaging type		Box
Country of origin		DE
GTIN		4066966887730
Customs tariff number		85366990990
End of Sale		2011-02-07

Product Classification		
UNSPSC		39121406
ETIM 10.0		EC002567
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

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; Sock-
et/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

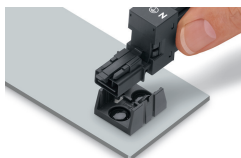


Item No.: 890-675

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

Installation Notes

Installation



Secure the mounting plate via pins.