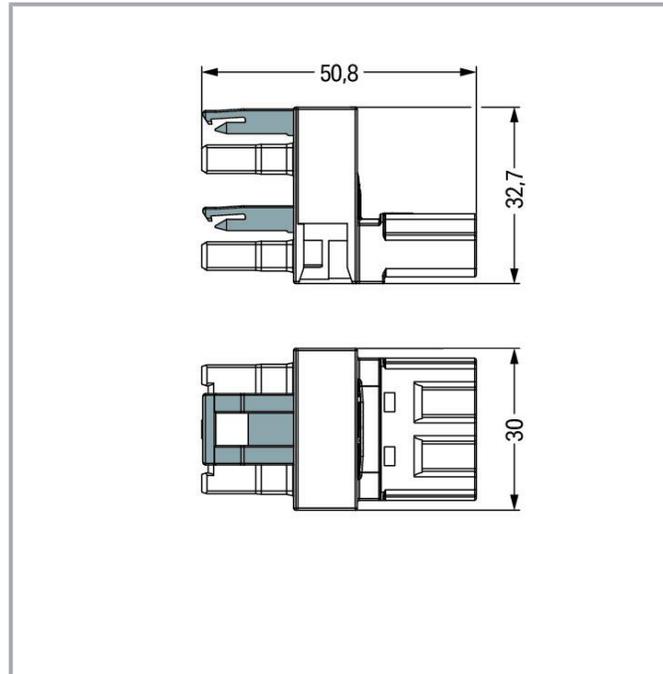
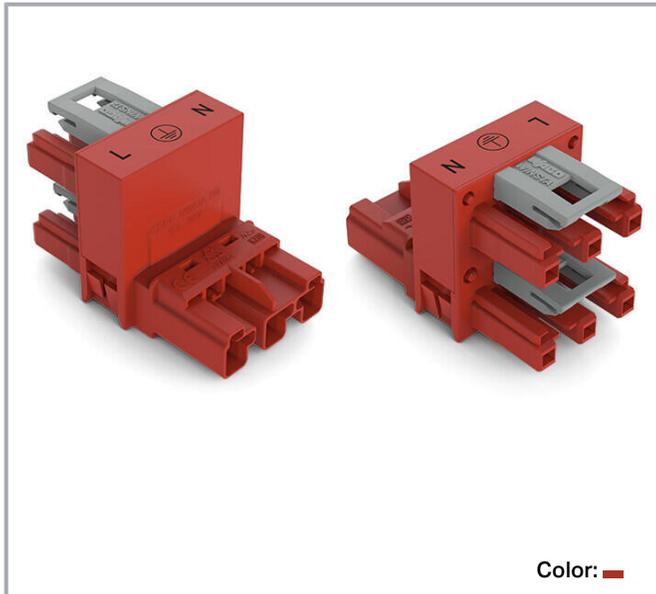


Data sheet | Item number: 770-934

h-distribution connector; 3-pole; Cod. P; 1 input; 2 outputs; outputs on one side; 2 locking levers; red

www.wago.com/770-934



Item description

Distribution connector *WINSTA*® MIDI with protection against mismatching

For signal and power transmission: The *WINSTA*® MIDI distribution connector rated current 25 A. Whether 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 mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with live contact elements. *WINSTA*® MIDI pluggable installation connectors with P coding allow proper implementation of an uninterruptible power supply (UPS). This pluggable installation connector can be employed for a voltage load of up to 25 A. Therefore, it can also be used for high power loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the built-in test slot, connections can be checked even when they are plugged in. This saves time, labor, and money.

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



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

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

- effective protection against mismatching
- simple circuits
- for UPS applications
- flexible installation to save space
- convenient installation and commissioning

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	25 A
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 16 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	23 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
PE function	Preceding PE contact

Connection 1

Pole number	3
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 inches
Height	32.7 mm / 1.287 inches
Depth	51 mm / 2.008 inches

Mechanical Data

Application	EDV (UPS)
Coding	P
Variable coding	No
Marking	L \perp N
Potential marking	L \perp N
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; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

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

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



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	red
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.373 MJ
Weight	22.3 g

Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures \leq 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
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454395599
Customs tariff number	85366990990

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172

Counterpart

	Item no.770-1303 Socket; 3-pole; Cod. P; 4,00 mm ² ; red	www.wago.com/770-1303
	Item no.770-1313 Plug; 3-pole; Cod. P; 4,00 mm ² ; red	www.wago.com/770-1313
	Item no.771-9973/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. P; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; red	www.wago.com/771-9973/006-101
	Item no.771-9973/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. P; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; red	www.wago.com/771-9973/106-101
	Item no.771-9973/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. P; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; red	www.wago.com/771-9973/206-101

Optional accessories

Cover

Cover

	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow	www.wago.com/770-360
	Item no.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	www.wago.com/770-201

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

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Item no.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white

www.wago.com/770-221

Mounting

Mounting accessories



Item no.: 770-623

Mounting plate; 3-pole; for distribution connectors; Plastic; black

www.wago.com/770-623



Item no.: 770-673

Mounting plate; 3-pole; for distribution connectors; Plastic; white

www.wago.com/770-673

Downloads

Documentation

Bid Text

770-934 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
770-934 doc - Datei	2015 年3月12 日	doc 23.6 kB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 770-934		URL	Download
WSCAD Universe 770-934		URL	Download

Environmental Product Compliance

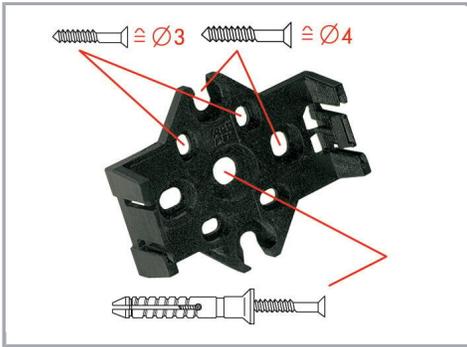
Compliance Search

Environmental Product Compliance 770-934 h-distribution connector; 3-pole; Cod. P; 1 input; 2 outputs; outputs on one side; 2 locking levers; red		URL	Download
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Subject to changes. Please also observe the further product documentation!

Installation Notes

Installation



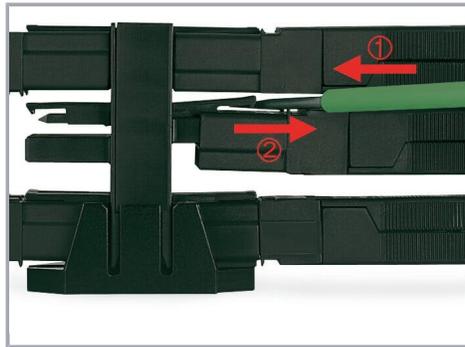
Mounting plates can be secured using commercially available screws or nail-drive anchors.



The distribution connectors snap together when attached to the mounting plate.



To release the distribution connector, unlock the latch using a screwdriver.



All distribution connector connections are locked and protected against accidental disconnection directly after mating. Locking of any connection is released using a screwdriver, even if all connections are used.

Product family

WINSTA® MIDI

[Show all products from the family](#)

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