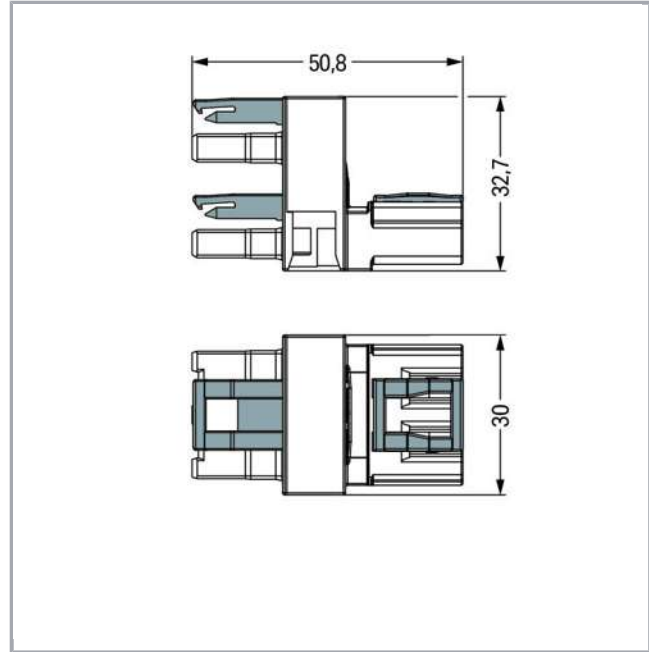


## Data sheet | Item number: 770-936

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

[www.wago.com/770-936](http://www.wago.com/770-936)



RoHS  
Compliant

BOMcheck.net

Color: ■

### Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

#### Note:

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).

#### Note on mismatching protection:

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

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

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d.) plugging one pole

#### Safety information 1:

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 16 A and voltages up to 600 V. For further information, please contact your local sales office.

## Data

### Electrical data

Note on Contact Resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
----------------------------	-----------------------------------------------------------------------------------

### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated 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

### Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A

### Connection data

No. of poles	3
Total number of potentials	3
Ground function	with preceding ground contact

### Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	32,7 mm / 1.287 inch
Depth	51 mm / 2.008 inch

### Mechanical data

Coding	P
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

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Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A, tested (4 mm <sup>2</sup> /AWG 12)
Type of distribution connector	h-distribution connector (unidirectional)
Marking	L N
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	L N
Application	Computer applications (UPS)
Suitable	for flying leads

### Plug connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

### Material Data

Color	red
Insulating material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.386 MJ
Weight	22.7 g

### Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service Temperature	Insulating parts for temperatures $\leq 105$ °C

### Commercial data

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	DE
GTIN	4045454419981
Customs Tariff No.	85366990990


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## Approvals / Certificates

### UL-Approvals




Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171 Sec. 9

## Counterpart


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

## Compatible products

### protection

	<b>Item no.: 770-201</b> Lockout cap; 12-pole, separable; 12-pole; for sockets; black	<a href="http://www.wago.com/770-201">www.wago.com/770-201</a>
	<b>Item no.: 770-221</b> Lockout cap; for socket; 12-pole; separable; white	<a href="http://www.wago.com/770-221">www.wago.com/770-221</a>
	<b>Item no.: 770-360</b> Lockout cap; for plugs; 5-pole; separable; yellow	<a href="http://www.wago.com/770-360">www.wago.com/770-360</a>

### assembling

	<b>Item no.: 770-623</b> Mounting plate; 3-pole; for distribution connectors; Plastic; black	<a href="http://www.wago.com/770-623">www.wago.com/770-623</a>
------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------	----------------------------------------------------------------

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



Item no.: 770-673

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

[www.wago.com/770-673](http://www.wago.com/770-673)

## Downloads Documentation

### Bid Text

770-936 doc - Datei	Mar 12, 2015	doc 23.6 kB	Download
770-936 GAEB X81 - Datei	Feb 19, 2019	xml 2.9 kB	Download

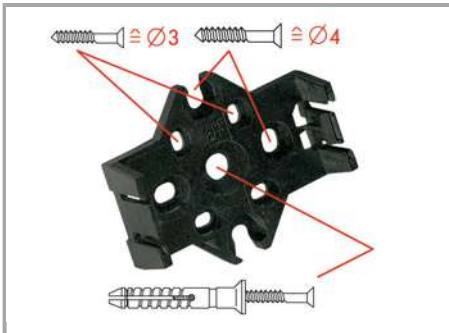
## CAD/CAE-Data

### CAE data

EPLAN Data Portal 770-936	URL	Download
WSCAD Universe 770-936	URL	Download

## Installation Notes

### Installation



The mounting plate for distribution connectors can be mounted using commercially available screws or nail-drive anchors.



The distribution connectors are latched when mounted on the mounting plate.

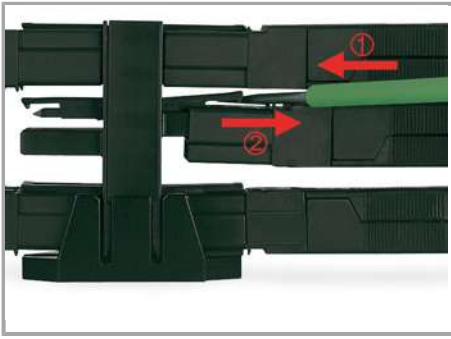


To release the distribution connector, unlock the latch using a screwdriver.

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All distributor 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 in use.

## Product family

**<i>WINSTA</i>® MIDI**

[Show all products from the family](#)

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