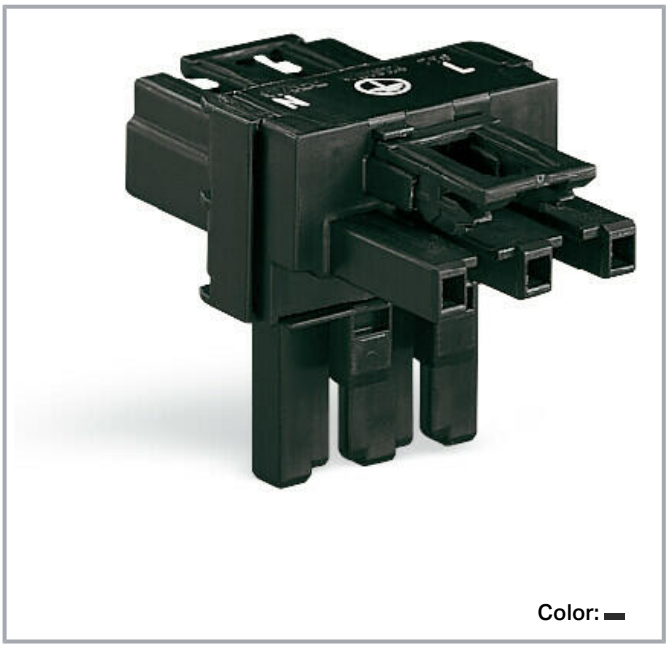
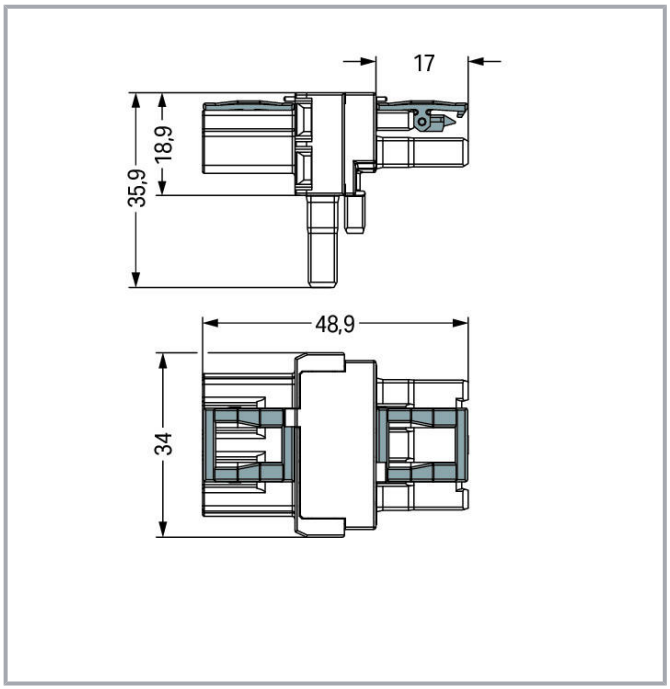
Data sheet | Item number: 770-606

T-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black

www.wago.com/770-606



Color:



Item description

Distribution connector *WINSTA*® MIDI with protection type IP20

The *WINSTA*® MIDI distribution connector 3-pole supports fast, reliable installation. WAGO pluggable installation connectors are useful when criteria repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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!)). This means that users' fingers will never come into contact with electrified contact elements. The *WINSTA*® MIDI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. This pluggable installation connector is designed for a current load of up to 25 A. Therefore, it can also be used for high power loads. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy and maximally flexible installation.

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

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Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising quality and safety: The *WINSTA*® MIDI pluggable installation connector with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- pre-assembled versions
- with A coding for use in many general mains applications
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Application note for the US 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.
Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

Connection data

Total number of potentials	3

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Ground function	preceding ground contact

Connection 1

Pole No.	3

Physical data

Pin spacing	10 mm / 0.394 inch
Width	34 mm / 1.339 inch
Height	36.1 mm / 1.421 inch
Depth	48.9 mm / 1.925 inch

Mechanical data

Application	General mains applications
Coding	A
Marking	L ⏚ N
Potentialkennzeichnung	L ⏚ 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
Distributor type	T-distribution connector
Protection class	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 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
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

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	plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

Material data

Note on material data	Information on material data can be found here
Color	black
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.316 MJ
Weight	16 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 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918582087
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	2173495.02
	CCA DEKRA Certification B.V.	IEC 61535	NL-32105

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19-HG1868589-

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			PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	LR Lloyds Register	IEC 61984	02/20050 (E6)

UL-Approvals

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

Counterpart

	Item no.770-103 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black	www.wago.com/770-103
	Item no.770-113 Plug; with strain relief housing; 3-pole; 4,00 mm²; black	www.wago.com/770-113
	Item no.770-203 Socket; 3-pole; Cod. A; 4,00 mm²; black	www.wago.com/770-203
	Item no.770-203/035-000 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black	www.wago.com/770-203/035-000
	Item no.770-213 Plug; 3-pole; 4,00 mm²; black	www.wago.com/770-213
	Item no.771-9993/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black	www.wago.com/771-9993/006-101
	Item no.770-213/035-000 Plug; with strain relief housing; 3-pole; 4,00 mm²; black	www.wago.com/770-213/035-000
	Item no.771-9993/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black	www.wago.com/771-9993/106-101

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Item no.771-9993/206-101
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black
www.wago.com/771-9993/206-101

Optional accessories

Mounting

Mounting accessories



Item no.: 770-354
Mounting plate; 2- to 5-pole; for distribution connectors; silver-colored
www.wago.com/770-354

Downloads

Documentation

Bid Text

770-606 X81 - Datei	2019 Feb 19	xml 2.8 kB	Download
770-606 doc - Datei	2015 Mar 12	doc 23.6 kB	Download
ausschreiben.de 770-606		URL	Download

CAD/CAE-Data

CAD data

2D/3D Models 770-606	URL	Download

CAE data

EPLAN Data Portal 770-606	URL	Download
WSCAD Universe 770-606	URL	Download
ZUKEN Portal 770-606	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-606	URL	Download

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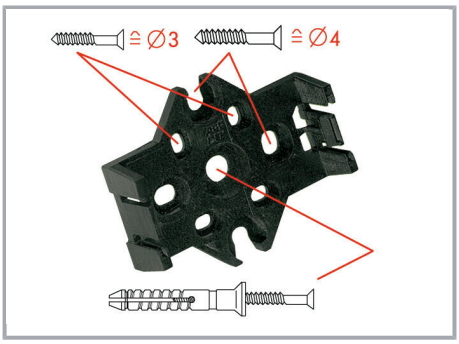
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Installation Notes

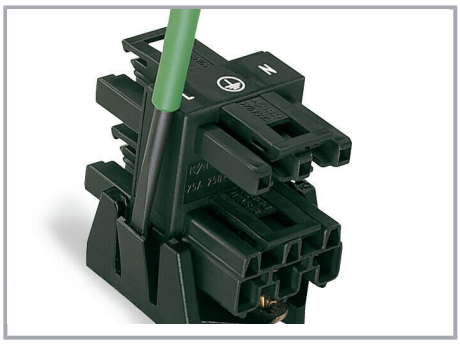
Installation



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