

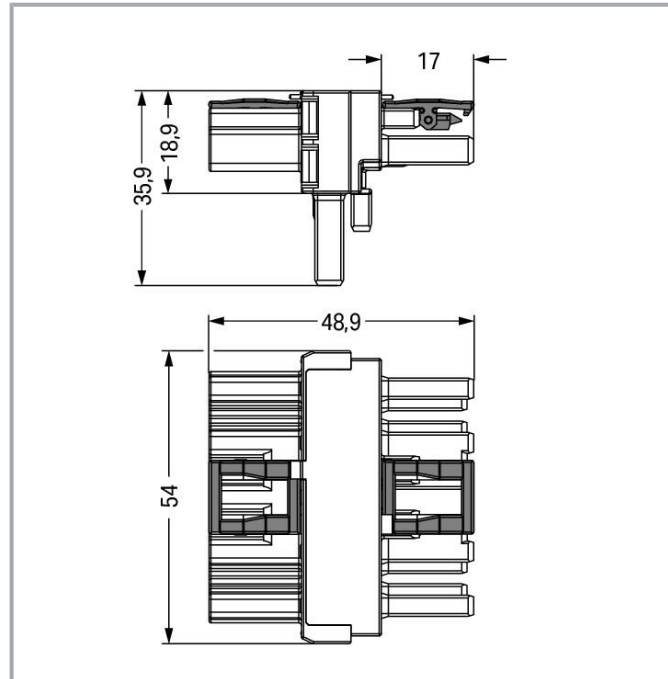
Data sheet | Item number: 770-621

T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers;
black

www.wago.com/770-621



Color: ■



Item description

Distribution connector *WINSTA*® MIDI 5-pole

The *WINSTA*® MIDI distribution connector A coding supports rapid, correct installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in no time flat. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Standard mains applications for almost any domain of use can be realised with *WINSTA*® MIDI pluggable installation connectors with A coding. This pluggable installation connector is used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. The *WINSTA*® MIDI product line allows flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it achieves error-free, time-saving installation and offers customization for meeting all installation requirements.

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

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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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also reduce installation expenses without compromising safety and quality: with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- pre-assembled versions
- with A coding for a large number of uses
- flexible installation to save space
- rapid, structured electrical installation

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 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	5
PE function	Preceding PE contact

Connection 1

Pole number	5
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	54 mm / 2.126 inches
Height	35.9 mm / 1.413 inches
Depth	48.9 mm / 1.925 inches

Mechanical Data

Application	General mains applications
Coding	A
Marking	L3 L2 L1 \perp N
Potential marking	L3 L2 L1 \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	T-distribution connector
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 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

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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	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.503 MJ
Weight	25.4 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

eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918935005
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates




General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	71- 123228
	CCA DEKRA Certification B.V.	IEC 61535	NL -84761
	cULus Underwriters Laboratories Inc.	UL 1977	E45171
	cULus Underwriters Laboratories Inc.	UL 1059	E 45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1868589- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	LR Lloyds Register	IEC 61984	LR22429487TA

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Counterpart



Item no.770-105
Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-105



Item no.770-115
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-115



Item no.770-205
Socket; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-205



Item no.770-215
Plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-215



Item no.770-315
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-315



Item no.770-305
Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-305



Item no.770-405
Socket; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-405



Item no.770-415
Plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-415



Item no.771-9995/006-101
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black

www.wago.com/771-9995/006-101



Item no.771-9995/206-101
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black

www.wago.com/771-9995/206-101



Item no.771-9995/106-101
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black

www.wago.com/771-9995/106-101

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



Item no.: 770-221
Lockout cap; 12-pole, separable; for sockets; Plastic; white

www.wago.com/770-221

Mounting

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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

770-621 X81 - Datei	2019 Feb 19	xml 2.8 kB	Download
770-621 doc - Datei	2014 Dec 10	doc 23.6 kB	Download
ausschreiben.de 770-621		URL	Download

CAD/CAE-Data

CAD data

2D/3D Models 770-621	URL	Download
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CAE data

EPLAN Data Portal 770-621	URL	Download
WSCAD Universe 770-621	URL	Download
ZUKEN Portal 770-621	URL	Download

Asset Administration Shell

Asset Administration Shell 770-621	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-621 T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black	URL	Download
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Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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