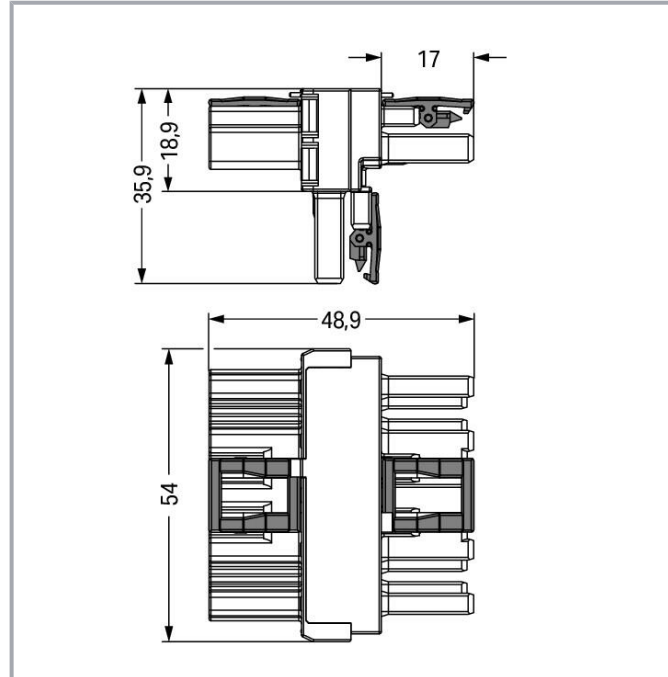
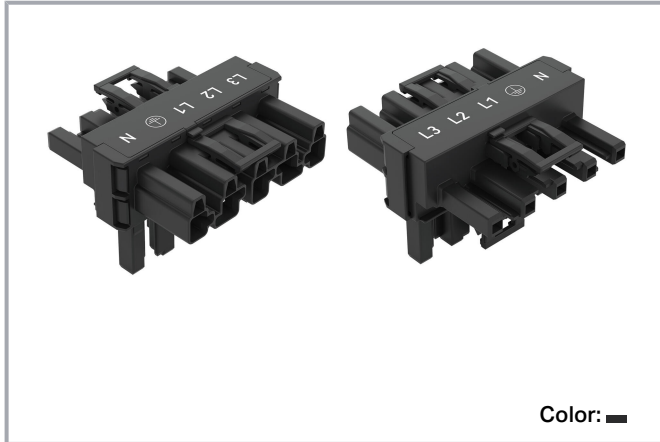


Data sheet | Item number: 770-622

T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers;
for flying leads; black

www.wago.com/770-622



Item description

Distribution connector *WINSTA*® MIDI rated current 25 A

The *WINSTA*® MIDI distribution connector rated current 25 A supports fast, reliable installation. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers touch-proof protection 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!)). Thanks to the color coding and mechanical A coding of *WINSTA*® MIDI pluggable installation connectors, you can clearly distinguish different circuits. The rated current and voltage are important criteria for selecting a pluggable installation connector: They provide information about possible domains of use and applications. This product has a current rating of 25 A – as a result it is also suitable for powerful loads. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy and maximally flexible electrical installation.

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

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Phone: +49571 887-0 | Fax: +49571 887-169
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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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with locking lever from WAGO makes the installation of electrical components noticeably easier.

- effective protection against mismatching
- pre-assembled versions
- with A coding for use in many general mains applications
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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!)
Suitable	for flying leads

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

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	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.521 MJ
Weight	23.7 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	4044918935050
Customs tariff number	85366990990

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




Environmental Product Compliance

RoHS Compliance Status


Compliant, No Exemption

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

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LR
Lloyds Register

IEC 61984

LR22429487TA

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. 770-215
Plug; 5-pole; Cod. A; 4,00 mm²; black

www.wago.com/770-215

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

www.wago.com/770-205

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

www.wago.com/770-305

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

www.wago.com/770-315

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

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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.: 770-354**

Mounting plate; 2- to 5-pole; for distribution connectors; silver-colored

www.wago.com/770-354**Downloads****Documentation****Bid Text**

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770-622	2015 Mar 12	doc	Download
doc - Datei		23.6 kB	
ausschreiben.de 770-622		URL	Download

CAD/CAE-Data**CAD data**

2D/3D Models 770-622	URL	Download
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CAE data

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ZUKEN Portal 770-622	URL	Download
EPLAN Data Portal 770-622	URL	Download

Asset Administration Shell

Asset Administration Shell 770-622	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-622	URL	Download
T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black		

Installation Notes

Product family

WINSTA® MIDI
[Show all products from the family](#)

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