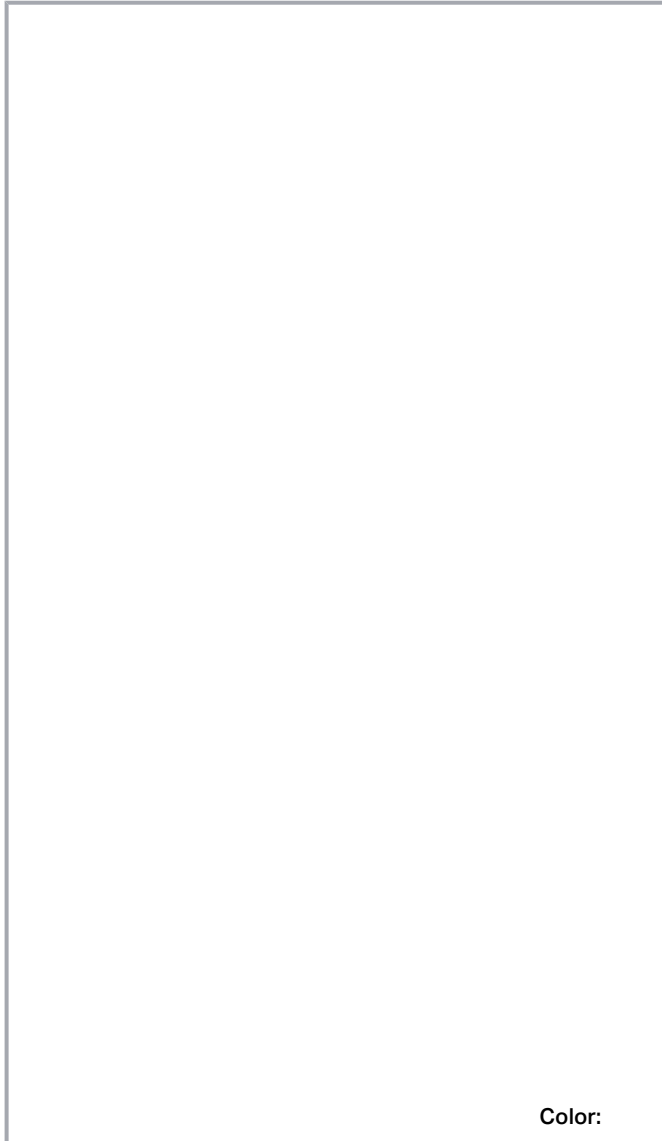


Data sheet | Item number: 770-671

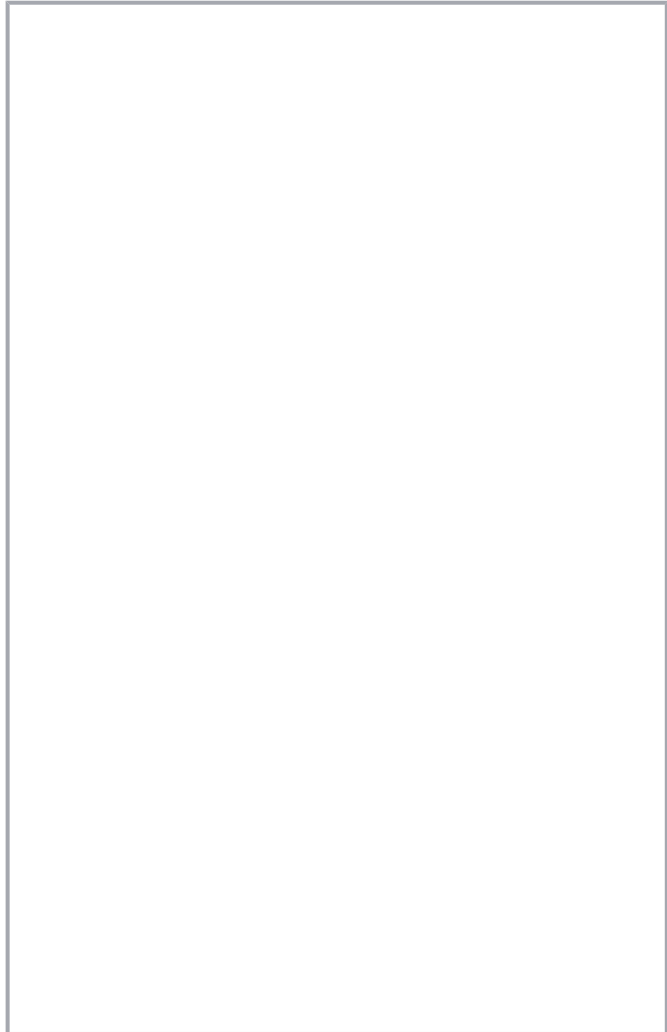
T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers;
white



www.wago.com/770-671



Color:



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

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Item description

Distribution connector *WINSTA*® MIDI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MIDI distribution connector rated current 25 A. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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. Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 25 A – as a result it is also suitable for powerful loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the integrated test slot, connections can be checked even when they are plugged in. This saves time, labor, and money.

WINSTA® MIDI solutions for your electrical installation – protected against mismatching and maintenance-free

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MIDI pluggable installation connectors with protection against mismatching from WAGO.

- pluggable installation connectors with protection against mismatching
- pre-assembled versions
- with A coding for a great number of 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

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Rated current	25 A
Legend (ratings)	(III / 3) $\hat{=}$ 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 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/socket
----------------------------	--

Connection data

Total number of potentials	5
PE function	Preceding PE contact

Connection 1

Pole number	5
-------------	---

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
Variable coding	Yes
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

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



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 <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
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	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.481 MJ
Weight	25.1 g

Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C

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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	4044918935128
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
	cURus Underwriters Laboratories Inc.	UL 1977	E45171
	cURus 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-

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		PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
LR Lloyds Register	IEC 61984	LR22429487TA

Counterpart

Item no.770-125 Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-125
Item no.770-135 Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-135
Item no.770-225 Socket; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-225
Item no.770-235 Plug; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-235
Item no.770-325 Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-325
Item no.770-335 Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-335
Item no.770-425 Socket; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-425
Item no.770-435 Plug; 5-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-435
Item no.771-9995/006-102 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9995/006-102
Item no.771-9995/106-102 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9995/106-102
Item no.771-9995/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9995/206-102

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

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

**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**

770-671 X81 - Datei	2019 年2月19 日	xml 2.8 kB	Download
770-671 doc - Datei	2014 年12月10 日	doc 23.6 kB	Download
ausschreiben.de 770-671		URL	Download

CAD/CAE-Data**CAD data**

2D/3D Models 770-671		URL	Download
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CAE data

EPLAN Data Portal 770-671		URL	Download
ZUKEN Portal 770-671		URL	Download
WSCAD Universe 770-671		URL	Download

Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 770-671 T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; white		URL	Download
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Installation Notes

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Data sheet | Item number: 770-671

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Product family

WINSTA® MIDI

[Show all products from the family](#)

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