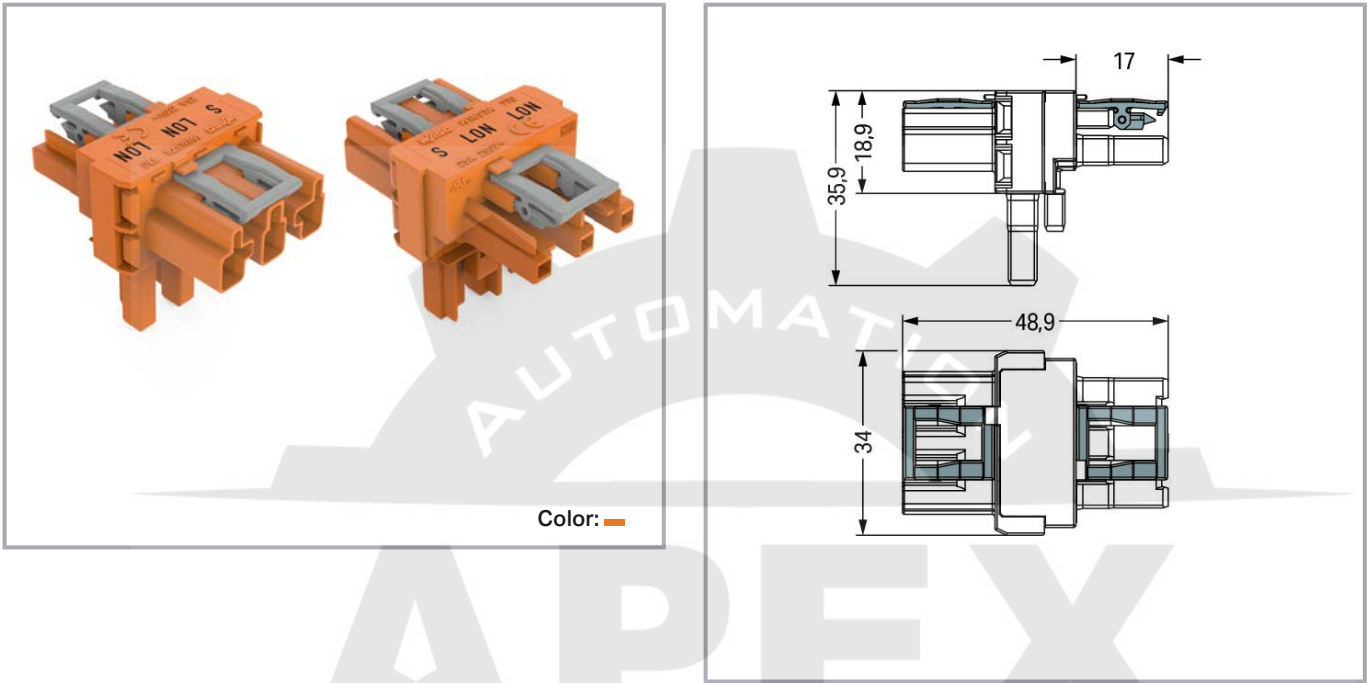


Data sheet | Item number: 770-667

T-distribution connector; 3-pole; Cod. R; 1 input; 2 outputs; 2 locking levers;
orange

www.wago.com/770-667



Item description

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

Data

Electrical data

Note on contact resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	25 A

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

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Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Hinweis für den amerikanischen Markt

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.

Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

Connection data

Pole No.	3
Total number of potentials	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	LON Bus
Coding	R
Marking	LON LON S
Potential marking	LON LON S
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!)
Protection type	IP20
Note on protection type	When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

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

Material data

Color	orange
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.235 MJ
Weight	13.2 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

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	DE
GTIN	4045454186364
Customs tariff number	8536694040


Approvals / Certificates

Country specific Approvals




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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- 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 Sec. 9

Counterpart

	Item no.770-1343 Socket; 3-pole; Cod. R; 4,00 mm ² ; orange	www.wago.com/770-1343
	Item no.770-1353 Plug; 3-pole; Cod. R; 4,00 mm ² ; orange	www.wago.com/770-1353




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Required accessories

Cover

	Item no.: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets; black	www.wago.com/770-201
	Item no.: 770-221 Lockout cap; for socket; 12-pole; separable; white	www.wago.com/770-221
	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow	www.wago.com/770-360

Downloads

Documentation

Bid Text

770-667 doc - Datei	Mar 12, 2015	doc 23.0 kB	Download
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770-667 X81 - Datei	Feb 19, 2019	xml 2.8 kB	Download
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CAD files

CAE data

EPLAN Data Portal 770-667	URL	Download
WSCAD Universe 770-667	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-667 T-distribution connector; 3-pole; Cod. R; 1 input; 2 outputs; 2 locking levers; orange	URL	Download
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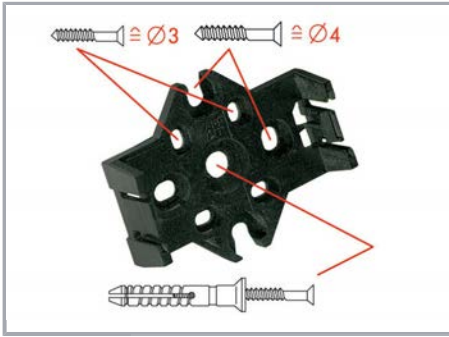
Installation Notes

Installation

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

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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](#)

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

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