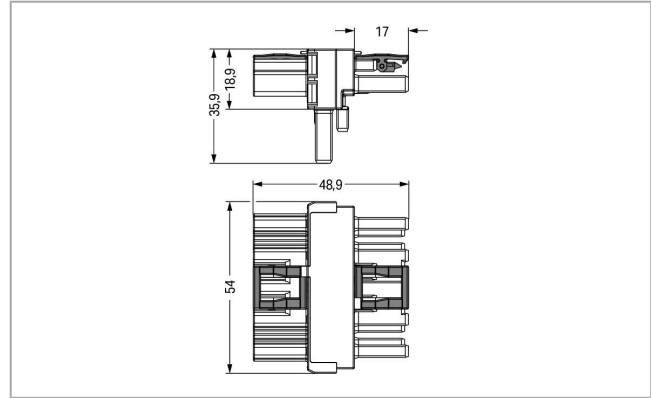
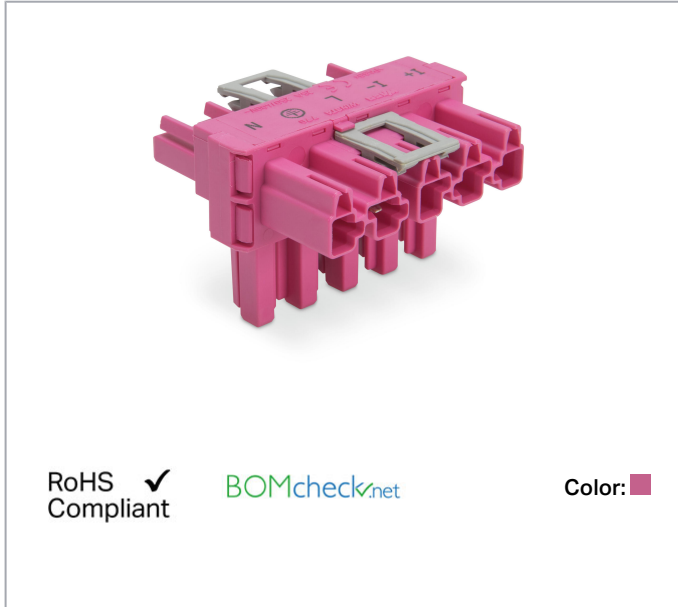


Data sheet | Item number: 770-1743/080-000

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



www.wago.com/770-1743/080-000



Item description

- Protected against mismatching and maintenance-free
- Additional variable coding is possible.
- Components can be clearly printed on and color-coded to meet custom requirements.

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)	400 V
Rated surge voltage (III/3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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.



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

Physical data

Pin spacing	10 mm / 0.394 inch
Width	54 mm / 2.126 inch
Height	36.1 mm / 1.421 inch
Depth	48.9 mm / 1.925 inch

Mechanical data

technology	SMI
Application	Measurement and regulation technology
Marking	N L I- I+
Potential marking	N L I- I+
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
Note on protection type	When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	for flying leads

Plug-in connection

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
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).

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

Material data

Color	pink
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.526 MJ
Weight	26.7 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

Packaging type	BOX
Country of origin	DE
Customs tariff number	85444290900

Counterpart

	Item no.770-285/080-000 Socket; 5-pole; Cod. B; 4,00 mm ² ; pink	www.wago.com/770-285/080-000
	Item no.770-295/080-000 Plug; 5-pole; Cod. B; 4,00 mm ² ; pink	www.wago.com/770-295/080-000
	Item no.771-9935/006-107/080-000 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; pink	www.wago.com/771-9935/006-107/080-000
	Item no.771-9935/106-107/080-000 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; pink	www.wago.com/771-9935/106-107/080-000
	Item no.771-9935/206-307/080-000 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; H05VV-F 5G 1.5 mm ² ; 3 m; 1,50 mm ² ; pink	www.wago.com/771-9935/206-307/080-000

Required accessories

protection

	Item no.: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets; black	www.wago.com/770-201
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Subject to changes. Please also observe the further product documentation!



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

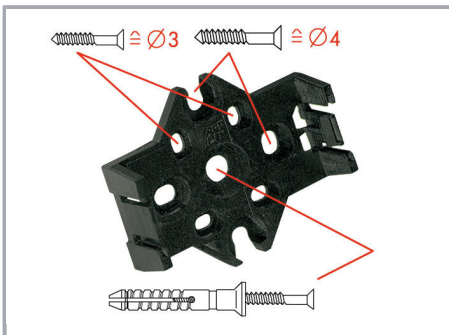
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-1743/080-000	URL	Download
T-distribution connector; 5-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; pink		

Installation Notes

Installation



Mounting plates can be secured using commercially available screws or nail-drive anchors.

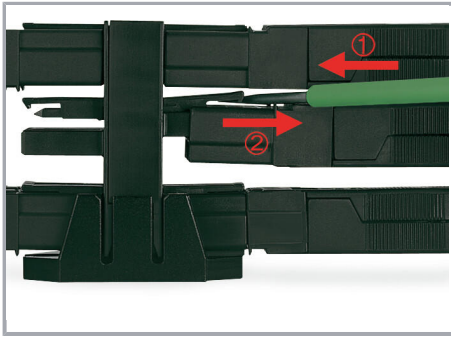


The distribution connectors snap together when attached to the mounting plate.



To release the distribution connector, unlock the latch using a screwdriver.

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



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!