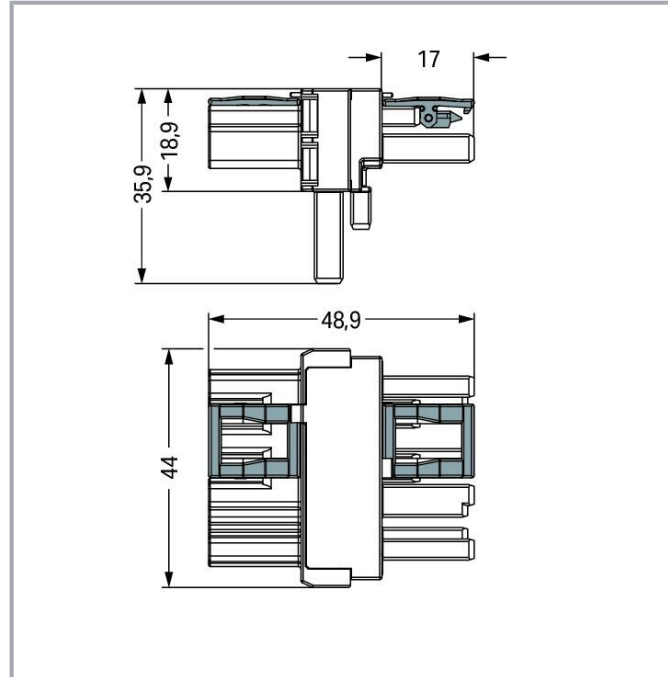


Data sheet | Item number: 770-626

T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers;
black



www.wago.com/770-626



Item description

Distribution connector *WINSTA*® MIDI with protection against mismatching

The *WINSTA*® MIDI distribution connector with protection type IP20 provides the foundation for assembly of solid and fine-stranded conductors. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in seconds. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with electrified contact elements. Thanks to the color coding and mechanical A coding of *WINSTA*® MIDI pluggable installation connectors, you can clearly distinguish different circuits. This pluggable installation connector can be employed for a load of up to 25 A. As a result, it can also be used for high power loads. Our *WINSTA*® MIDI product line achieves flexibility for the installation of applications. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free 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.



Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose quality and durability – the WINSTA® MIDI pluggable installation connector with marking from WAGO makes the installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- suitable for any application
- ready to install and use immediately
- fast, secure 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

| | |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |
|----------------------------|--|

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



Connection data

| | |
|----------------------------|----------------------|
| Total number of potentials | 4 |
| PE function | Preceding PE contact |

Connection 1

| | |
|-------------|---|
| Pole number | 4 |
|-------------|---|

Physical data

| | |
|-------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 44 mm / 1.732 inches |
| Height | 35.9 mm / 1.413 inches |
| Depth | 48.9 mm / 1.925 inches |

Mechanical Data

| | |
|---|---|
| Application | General mains applications |
| Coding | A |
| Marking | N $\frac{2}{L}$ 1/L' |
| Potential marking | N $\frac{2}{L}$ 1/L' |
| 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 <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 |

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



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).

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 | 0.429 MJ |
| Weight | 21 g |

Environmental requirements

| | |
|--|---|
| Processing temperature | -5 ... +40 °C |
| Continuous operating temperature | -35 ... +85 °C |
| Note on continuous operating temperature | Insulating parts for temperatures \leq 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 | 4044918935074 |
| 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. | IEC 61535 | NL -84761 |
|  | CCA DEKRA Certification B.V. | EN 61535 | 71- 123228 |
|  | cURus Underwriters Laboratories Inc. | UL 1977 | E45171 |

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 |

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


Counterpart

| | | |
|--|---|--|
|  | Item no.770-104 Socket; with strain relief housing; 4-pole; Cod. A; 4,00 mm ² ; black | www.wago.com/770-104 |
|  | Item no.770-114 Plug; with strain relief housing; 4-pole; Cod. A; 4,00 mm ² ; black | www.wago.com/770-114 |
|  | Item no.770-204 Socket; 4-pole; Cod. A; 4,00 mm ² ; black | www.wago.com/770-204 |
|  | Item no.771-9994/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; black | www.wago.com/771-9994/006-101 |
|  | Item no.770-214 Plug; 4-pole; Cod. A; 4,00 mm ² ; black | www.wago.com/770-214 |
|  | Item no.771-9994/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; black | www.wago.com/771-9994/206-101 |
|  | Item no.771-9994/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; black | www.wago.com/771-9994/106-101 |

Optional accessories




Mounting

Mounting accessories

| | | |
|--|---|--|
|  | Item no.: 770-354 Mounting plate; 2- to 5-pole; for distribution connectors; silver-colored | www.wago.com/770-354 |
|--|---|--|

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!



Downloads

Documentation

Bid Text

| | | | |
|------------------------|-------------|----------------|----------|
| 770-626 X81 - Datei | 2019 Feb 19 | xml 2.8 kB | Download |
| 770-626 doc - Datei | 2015 Mar 12 | doc 23.6 kB | Download |

CAD/CAE-Data

CAD data

| | | |
|----------------------|-----|----------|
| 2D/3D Models 770-626 | URL | Download |
|----------------------|-----|----------|

CAE data

| | | |
|---------------------------|-----|----------|
| EPLAN Data Portal 770-626 | URL | Download |
| WSCAD Universe 770-626 | URL | Download |
| ZUKEN Portal 770-626 | URL | Download |

Environmental Product Compliance

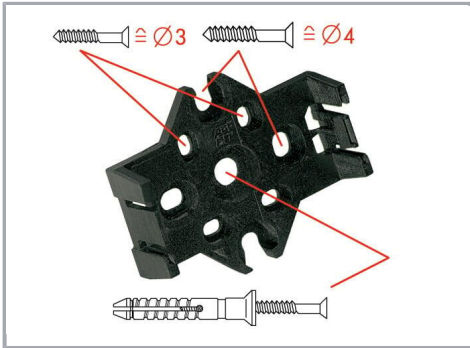
Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 770-626 T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black | URL | Download |
|---|-----|----------|

Installation Notes

Installation

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



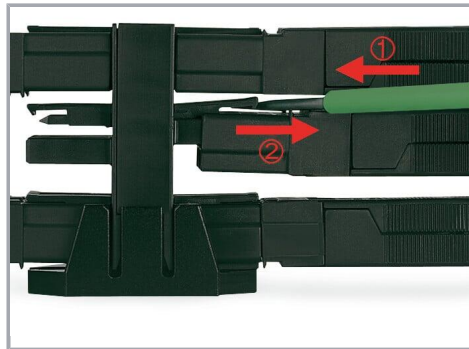
Mounting plates can be secured using commercially available screws or nail-drive anchors.



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!