

**Data sheet | Item number: 770-672**

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

[www.wago.com/770-672](http://www.wago.com/770-672)



**Color:**



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

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## Item description

### Distribution connector *WINSTA*® MIDI rated current 25 A

The *WINSTA*® MIDI distribution connector rated current 25 A supports rapid, correct installation. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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!)). The *WINSTA*® MIDI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. This pluggable installation connector can be used for a load of up to 25 A. Thus, it can also be used for high power loads. Our *WINSTA*® MIDI product line achieves total flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it achieves error-free, time-saving installation and offers flexibility for meeting all installation requirements.

### 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 error-free installation of cables and components, quickly and reliably. Choose durability and quality – the *WINSTA*® MIDI pluggable installation connector with marking from WAGO makes the electrical installation of electrical components significantly easier.

- protection against mismatching eliminates errors
- simple circuits
- for any mains application
- exact dimensions
- convenient installation and commissioning

## 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 |

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## 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<br>approx. 0.25 mΩ 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   |
| Marking                                 | L3 L2 L1 ⚡ N  |
| Potential marking                       | L3 L2 L1 ⚡ 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 |

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



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 <i>WINSTA</i> <sup>®</sup> components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>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                   | 0.494 MJ   |
| Weight                      | 25.5 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 |

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



## 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                  | 4044918935142 |
| Customs tariff number | 85366990990   |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Approvals / Certificates

### General approvals

| Logo | Approval                                       | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
|      | <b>CCA</b><br>DEKRA Certification B.V.         | IEC 61535                | NL -84761        |
|      | <b>CCA</b><br>DEKRA Certification B.V.         | EN 61535                 | 71-<br>123228    |
|      | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1977                  | E45171           |
|      | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1059                  | E 45172          |

### Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

### Approvals for marine applications

| Logo | Approval                                  | Additional Approval Text | Certificate name         |
|------|---|--------------------------|--------------------------|
|      | <b>ABS</b><br>American Bureau of Shipping | -                        | 19-<br>HG1868589-<br>PDA |

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|   |           |              |
|---|-----------|--------------|
| <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -         | TAE00001Z6   |
| <b>LR</b><br>Lloyds Register                            | IEC 61984 | LR22429487TA |

## Counterpart

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

## Optional accessories

### Mounting

Mounting accessories

|   |  |
|---|--|
| <b>Item no.: 770-354</b><br>Mounting plate; 2- to 5-pole; for distribution connectors; silver-colored | <a href="http://www.wago.com/770-354">www.wago.com/770-354</a> |
|---|--|

### Cover

Cover

|   |  |
|---|--|
| <b>Item no.: 770-360</b><br>Lockout cap; for plugs; 5-pole; separable; yellow | <a href="http://www.wago.com/770-360">www.wago.com/770-360</a> |
|---|--|

**Item no.: 770-201**

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Lockout cap; 12-pole, separable; for sockets; Plastic; black

[www.wago.com/770-201](http://www.wago.com/770-201)

Item no.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white

[www.wago.com/770-221](http://www.wago.com/770-221)

## Downloads

### Documentation

#### Bid Text

|  |              |                |          |
|--|--------------|----------------|----------|
| 770-672<br>X81 - Datei   | 2019 年2月19 日 | xml<br>2.9 kB  | Download |
| 770-672<br>doc - Datei   | 2015 年3月12 日 | doc<br>23.6 kB | Download |
| <a href="http://ausschreiben.de/770-672">ausschreiben.de 770-672</a> |              | URL            | Download |

## CAD/CAE-Data

### CAD data

|                                      |     |          |
|--------------------------------------|-----|----------|
| <a href="#">2D/3D Models 770-672</a> | URL | Download |
|--------------------------------------|-----|----------|

### CAE data

|   |     |          |
|---|-----|----------|
| <a href="#">EPLAN Data Portal 770-672</a> | URL | Download |
| <a href="#">WSCAD Universe 770-672</a>    | URL | Download |
| <a href="#">ZUKEN Portal 770-672</a>      | URL | Download |

## Environmental Product Compliance

### Compliance Search

|   |     |          |
|---|-----|----------|
| <a href="#">Environmental Product Compliance 770-672</a><br>T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; white | URL | Download |
|---|-----|----------|

## Installation Notes

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## Product family

**WINSTA® MIDI**

[Show all products from the family](#)

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