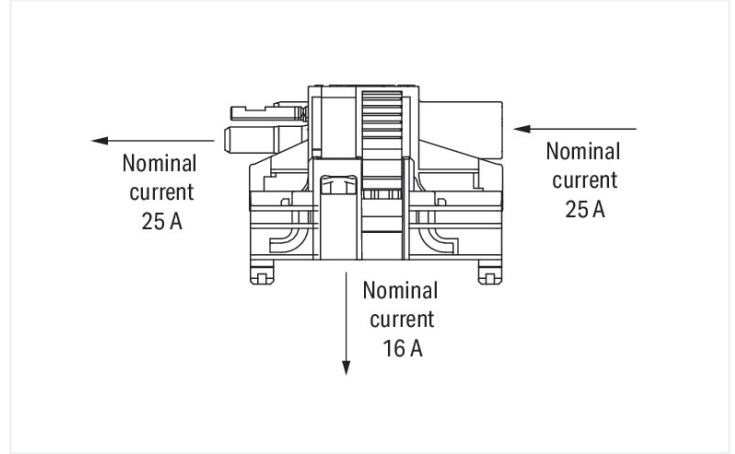


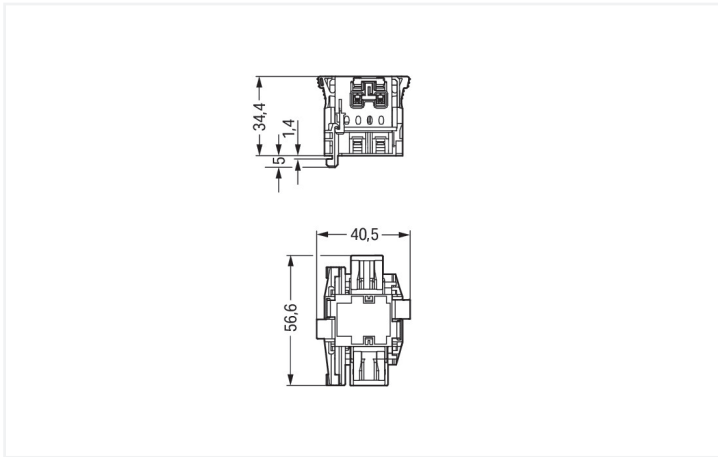
## Data Sheet | Item Number: 770-7502

Linect® T-connector; 2-pole; Cod. L; 1 input; 2 outputs; white

<https://www.wago.com/770-7502>



Color: ■ white



Dimensions in mm

### Distribution connector WINSTA® MIDI 2-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MIDI distribution connector with locking latch. 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. 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!)). Lights with a state-of-the-art Linect® interface can be integrated straightforwardly into a new or existing installation with WINSTA®. L coding identifies WINSTA® MIDI pluggable installation connectors as used for in applications related to power supply in automation. This pluggable installation connector is designed for a current load of up to 25 A. As a result, it can also be used for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, flexible, and secure electrical installation.

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

The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- protection against mismatching eliminates errors
- pre-assembled versions
- for providing power to power supply units

- custom-engineered solutions
- quick replacement of defective units during ongoing operation

## Electrical data

| Ratings per                     | IEC/EN 60664-1 |     |    |
|---------------------------------|----------------|-----|----|
| Overvoltage category            | III            | III | II |
| Pollution degree                | 3              | 2   | 2  |
| Nominal voltage                 | 250 V          | -   | -  |
| Rated impulse withstand voltage | 4 kV           | -   | -  |
| Rated current                   | 25 A           | -   | -  |

## Ratings per IEC/EN 2

|               |      |
|---------------|------|
| Rated current | 16 A |
|---------------|------|

## Approvals per UL 1977

|               |       |
|---------------|-------|
| Rated voltage | 600 V |
| Rated current | 23 A  |

## General information

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

## Connection Data

|                            |   |
|----------------------------|---|
| Total number of potentials | 2 |
|----------------------------|---|

## Connection 1

|             |   |
|-------------|---|
| Pole number | 2 |
|-------------|---|

## Physical data

|             |                        |
|-------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches   |
| Width       | 40.5 mm / 1.594 inches |
| Height      | 39.4 mm / 1.551 inches |
| Depth       | 56.6 mm / 2.228 inches |

## Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Technology                              | Linect                                                                                                        |
| Use                                     | Emergency power supply                                                                                        |
| Coding                                  | L                                                                                                             |
| Variable coding                         | No                                                                                                            |
| Marking                                 | L' N'                                                                                                         |
| Potential marking                       | L' 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                | Linect® T-connector                                                                                           |
| Protection type                         | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

## Plug-in connection

|                               |                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mismating protection          | Yes                                                                                                                                                                                                                                                                                                              |
| Note on mismating protection  | All WINSTA® 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). |



| Plug-in connection                        |                                                                          |  |
|-------------------------------------------|--------------------------------------------------------------------------|--|
| Number of locking levers                  | 2                                                                        |  |
|                                           |                                                                          |  |
| Material data                             |                                                                          |  |
| Note (material data)                      | <a href="#">Information on material specifications can be found here</a> |  |
| Color                                     | white                                                                    |  |
| Insulation material (main housing)        | Polyamide (PA66)                                                         |  |
| Flammability class per UL94               | V0                                                                       |  |
| Contact material                          | Copper or copper alloy; surface-treated                                  |  |
| Contact Plating                           | Tin                                                                      |  |
| Fire load                                 | 0.487 MJ                                                                 |  |
| Weight                                    | 19.5 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                               |  |
|                                           |                                                                          |  |
| Commercial data                           |                                                                          |  |
| Product Group                             | 20 (Winsta)                                                              |  |
| PU (SPU)                                  | 25 pcs                                                                   |  |
| Packaging type                            | Box                                                                      |  |
| Country of origin                         | DE                                                                       |  |
| GTIN                                      | 4045454013783                                                            |  |
| Customs tariff number                     | 85366990990                                                              |  |
|                                           |                                                                          |  |
| Product Classification                    |                                                                          |  |
| UNSPSC                                    | 39121402                                                                 |  |
| eCl@ss 10.0                               | 27-44-06-02                                                              |  |
| eCl@ss 9.0                                | 27-44-06-02                                                              |  |
| ETIM 9.0                                  | EC002566                                                                 |  |
| ETIM 10.0                                 | EC002566                                                                 |  |
| ECCN                                      | NO US CLASSIFICATION                                                     |  |
|                                           |                                                                          |  |
| Environmental Product Compliance          |                                                                          |  |
| REACH Candidate List Substance            | Perfluorobutane sulfonic acid (PFBS) and its salts                       |  |
| RoHS Compliance Status                    | Compliant, No Exemption                                                  |  |
| SCIP notification number (Austria)        | 603f985a-dd9c-4c70-9fb3-b6e50fccbe28                                     |  |
| SCIP notification number (Belgium)        | e3e21321-525f-431b-9a18-d3b02903c65b                                     |  |
| SCIP notification number (Bulgaria)       | a5c55409-8542-45ee-961d-5ec386ef3dfa                                     |  |
| SCIP notification number (Czech Republic) | 0255277c-88c3-44d5-aa75-76aaf0542765                                     |  |
| SCIP notification number (Denmark)        | 6bc44ee9-8827-461d-964b-18b139c7c1d9                                     |  |
| SCIP notification number (Finland)        | a50b6796-cdae-4d6e-9b45-5621ba76a46c                                     |  |
| SCIP notification number (France)         | 271ad739-bc9c-4911-96b0-4355c146bccd                                     |  |
| SCIP notification number (Germany)        | d0a13ffa-57e3-4650-a78b-ebe9c3f9231a                                     |  |
| SCIP notification number (Hungary)        | 4cb44f57-cb45-4c88-a34d-2f7383e43262                                     |  |
| SCIP notification number (Italy)          | 5fc7bc33-f0a3-4c11-8ec7-6831f3d4ed5e                                     |  |
| SCIP notification number (Netherlands)    | f0337298-cc2b-4fdb-a7e0-e0d3929a76e2                                     |  |
| SCIP notification number (Poland)         | c0b3fdee-ad8d-4330-8f56-c280328438b0                                     |  |
| SCIP notification number (Romania)        | 25ab6514-3278-483d-9a90-acb0262d9144                                     |  |
| SCIP notification number (Sweden)         | ab7cb4ef-f114-4652-aa9e-1c4ae7ade7fa                                     |  |



Approvals / Certificates

General approvals



| Approval                                          | Standard | Certificate Name |
|---------------------------------------------------|----------|------------------|
| cURus<br>Underwriters Laboratories<br>Inc.        | UL 1059  | E 45172          |
| VDE<br>VDE Prüf- und Zertifizie-<br>rungsinstitut | EN 61535 | 40029808         |

Downloads

Environmental Product Compliance

| Compliance Search                            |
|----------------------------------------------|
| Environmental Product<br>Compliance 770-7502 |



Documentation

| Bid Text |            |                 |                   |
|----------|------------|-----------------|-------------------|
| 770-7502 | 02.12.2014 | doc<br>22.50 KB | <a href="#">↓</a> |
| 770-7502 | 19.02.2019 | xml<br>2.85 KB  | <a href="#">↓</a> |



CAD/CAE-Data

| CAD data                 |
|--------------------------|
| 2D/3D Models<br>770-7502 |



| CAE data                   |
|----------------------------|
| WSCAD Universe<br>770-7502 |



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



**Item No.: 771-8982/206-104**  
pre-assembled connecting cable; Eca;  
Plug/open-ended; 2-pole; Cod. L; H05VV-  
F 2 x 1.5 mm²; 1 m; 1,50 mm²; dark gray

**Item No.: 771-8982/106-104**  
pre-assembled connecting cable; Eca;  
Socket/open-ended; 2-pole; Cod. L;  
H05VV-F 2 x 1.5 mm²; 1 m; 1,50 mm²;  
dark gray

**Item No.: 771-8982/006-104**  
pre-assembled interconnecting cable;  
Eca; Socket/plug; 2-pole; Cod. L; H05VV-F  
2 x 1.5 mm²; 1 m; 1,50 mm²; dark gray

1.1.2 Female connector/socket



Item No.: [770-1162](#)  
Socket; 2-pole; Cod. L; dark gray

1.1.3 Field-Wiring Terminal Block with Linect®



Item No.: [294-8022](#)  
Lighting connector; push-button, external; for Linect®; without ground contact; N´ - L´; 2-pole; Cod. L; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

1.1.4 Male connector/plug



Item No.: [770-1172](#)  
Plug; 2-pole; Cod. L; dark gray

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: [770-201](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; black



Item No.: [770-221](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; white



Item No.: [770-360](#)  
Lockout cap; for plugs; 5-pole; separable; yellow