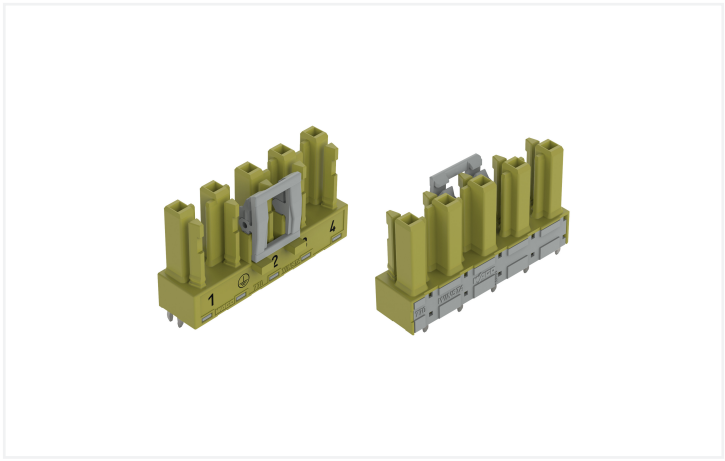
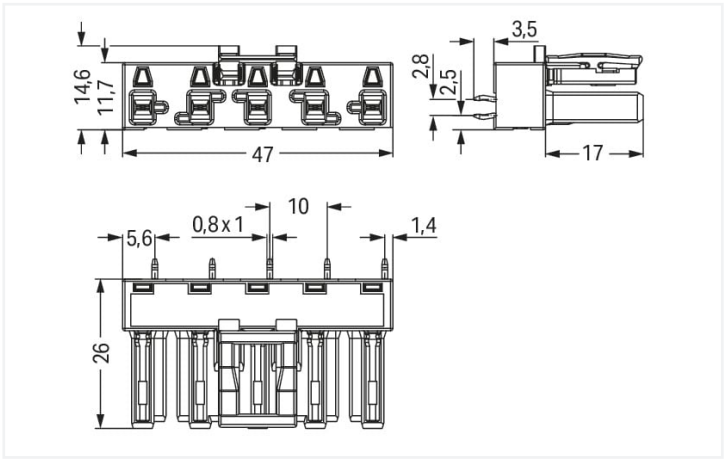
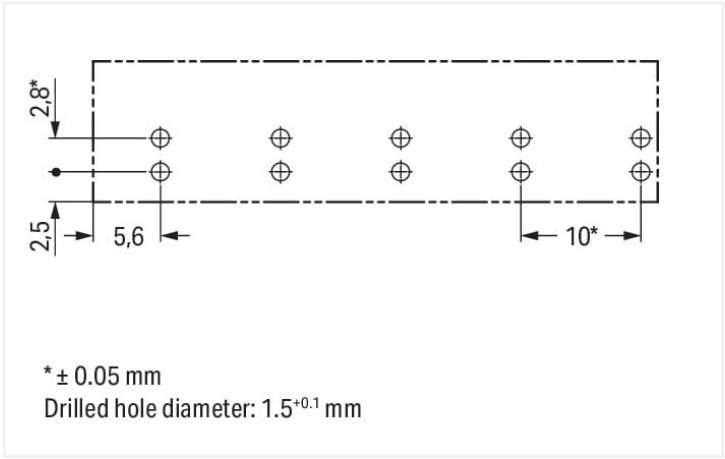


Color: light green




Dimensions in mm




Dimensions in mm

Female connector/socket *WINSTA*® MIDI rated current 25 A

The *WINSTA*® MIDI female connector/socket with locking latch offers easy-to-understand handling to support control and drive technology tasks. The pluggable PCB connectors with spring pressure connection technology and Push-in CAGE CLAMP® technology from WAGO allow fast, vibration-proof, maintenance-free terminal connections. The coding options reduce installation errors, allowing fast, secure wiring of all components. Solutions like the *WINSTA*® MIDI pcb connectors with B coding are appropriate for process control, such as for lighting or in data networks. Important parameters in the selection of a pcb connector are the rated current and voltage: They provide information about possible domains of use and applications. This product has a current rating of 25 A – as a result it is suitable for powerful loads. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy, flexible, and secure electrical installation.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MIDI pcb connectors with locking lever from WAGO.

- protection against mismating eliminates errors
- for automation controllers
- with B coding for controllers such as lighting fixtures and sun blinds
- quick replacement of defective units during ongoing operation

## Notes

| | |
|---|---|
| Variants: | Other pole markings<br>Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |

## Electrical data

| Ratings per | IEC/EN 60664-1 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 400 V | - | - |
| Rated surge voltage | 6 kV | - | - |
| Rated current | 25 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/socket |

## Connection data

| | |
|---|---|
| Total number of potentials | 5 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Pole number | 5 |

## Physical data

| | |
|---|---|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 47 mm / 1.85 inches |
| Height | 29.5 mm / 1.161 inches |
| Height from the surface | 26 mm / 1.024 inches |
| Depth | 14.6 mm / 0.575 inches |
| Solder pin length | 3.5 mm |
| Solder pin dimensions | 1 x 0.8 mm |
| Drilled hole diameter with tolerance | 1.5 $^{(-0.1 \ldots +0.1)}$ mm |

## Mechanical data

| | |
|---|---|
| Application | Control technology |
| Coding | B |
| Variable coding | Yes |
| Marking | 1 2 3 4 |
| Potential marking | 1 2 3 4 |
| Mating force of a plug-in connection | approx. 20 … 70 N (depending on pole number) |
| Retention force of a plug-in connection | 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 |
| Design | straight |


Continued on next page

## Plug-in connection

| | |
|---|---|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for PCB |
| 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 |
| Mating direction to the PCB | 90 ° |
| 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). |

## PCB contact

| | |
|---|---|
| PCB contact | THT |
| Solder pin arrangement | 2 in-line solder pins/pole |
| Number of solder pins per potential | 2 |

## Material data

| | |
|---|---|
| Note (material data) | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color | light green |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy; surface-treated |
| Contact plating | Tin |
| Fire load | 0.195 MJ |
| Weight | 10.5 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

| | |
|---|---|
| eCl@ss 10.0 | 27-44-06-05 |
| eCl@ss 9.0 | 27-44-06-05 |
| ETIM 8.0 | EC002560 |
| ETIM 7.0 | EC002560 |
| PU (SPU) | 50 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4050821553861 |
| Customs tariff number | 85366990990 |


Continued on next page

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| cURus<br>Underwriters Laboratories Inc. | UL 1977 | E45171 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance
770-865/073-000

### CAD/CAE-Data

**CAD data**

2D/3D Models
770-865/073-000

**CAE data**

ZUKEN Portal
770-865/073-000

## 1 Compatible Products

### 1.1 System counterpart

#### 1.1.1 Male connector/plug

Item No.: 770-275/073-000
Plug; 5-pole; Cod. B; 4,00 mm²; light green

### 1.2 Required 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