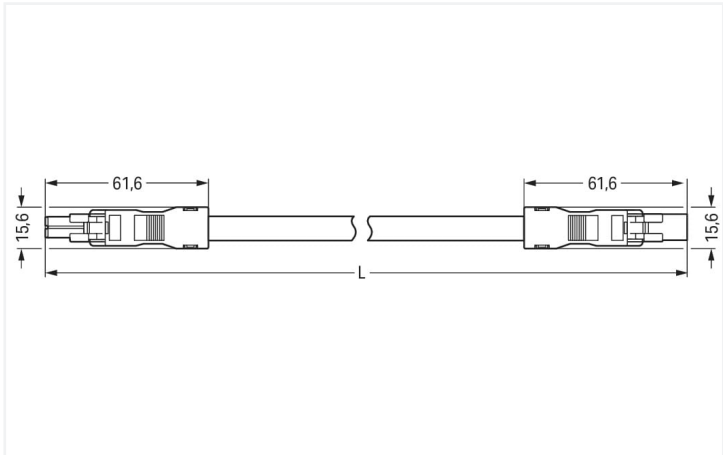




Color: ■ blue



Dimensions in mm

Cable assembly *WINSTA*® MINI with strain relief

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly 2-pole. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. Controlled lighting, as used in the DALI standard, for example, is the main use of *WINSTA*® MINI pluggable installation connectors with I coding. Particularly if only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its strengths. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the connection is low-maintenance and can be performed without screw connections. Anyone who needs to worry about technical safety requirements for fire protection reasons for electrical installation should be able to rely on the quality of the components. Our product meets the important safety standards of fire class B2. In the manufacturing of this cable assembly, halogens were deliberately omitted. That is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are available. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Choose durability and quality – with strain relief hosting from WAGO makes the installation of electrical components substantially easier.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- for intelligent, easy lighting installation
- ready for immediate use
- quick replacement of defective units during ongoing operation

| Notes |                                                               |
|-------|---------------------------------------------------------------|
| Note  | Cables with a different fire class can be found in the eShop. |

| Electrical data      |  |                |     |    | General information                             |  |
|----------------------|--|----------------|-----|----|-------------------------------------------------|--|
| Ratings per          |  | IEC/EN 60664-1 |     |    | Note on contact resistance                      |  |
| Overvoltage category |  | III            | III | II | approx. 1 mΩ of contact resistance              |  |
| Pollution degree     |  | 3              | 2   | 2  | approx. 0.25 mΩ contact transition plug/ socket |  |
| Nominal voltage      |  | 250 V          | -   | -  |                                                 |  |
| Rated surge voltage  |  | 4 kV           | -   | -  |                                                 |  |
| Rated current        |  | 16 A           | -   | -  |                                                 |  |



Connection data

|                            |   |                    |               |
|----------------------------|---|--------------------|---------------|
| Total number of potentials | 2 | Connection 1       |               |
|                            |   | Pole number        | 2             |
|                            |   | Wire cross-section | 1.5 mm²       |
|                            |   | Connection type    | Socket - Plug |

Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 4.4 mm / 0.173 inches  |
| Width        | 15.6 mm / 0.614 inches |
| Height       | 13.2 mm / 0.52 inches  |
| Total length | 3 m                    |

Mechanical data

|                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------|
| Use                                     | DALI, Lighting Management                                     |
| Coding                                  | I                                                             |
| Variable coding                         | No                                                            |
| Marking                                 | + -                                                           |
| Potential marking                       | + -                                                           |
| Mating force of a plug-in connection    | approx. 20 ... 70 N (depending on pole number)                |
| Retention force of a plug-in connection | when locked: > 80N                                            |
| Unmating force of a plug-in connection  | when unlocked: approx. 20 ... 70 N (depending on pole number) |
| Number of mating cycles                 | 200, without resistive load                                   |
| Connection type                         | Socket - Plug                                                 |
| Type of pre-assembled cable             | Interconnecting cable                                         |
| Cable type                              | H05Z1Z1-F 2x1.5                                               |
| Protection type                         | IP20; IP40 when mated                                         |

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                 | Can be retrofitted                                                                                                                                                                                                                                                                                               |
| 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)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | blue                                                                     |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire class per EN 50575            | B2 <sub>ca</sub>                                                         |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.384 MJ                                                                 |
| Connector color                    | blue                                                                     |
| Strain relief color                | black                                                                    |
| Sheathed cable color               | black                                                                    |



| Material data                    |              |
|----------------------------------|--------------|
| Printing color of sheathed cable | white        |
| Halogen-free                     | Yes          |
| Silicon-free                     | Yes          |
| Sheath material                  | Halogen-free |
| Rubber cable                     | No           |
| Weight                           | 248.9 g      |
| Copper weight of the pipe        | 0.029 kg/m   |

| Environmental requirements               |                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Processing temperature                   | -5 ... +40 °C                                                                                         |
| Continuous operating temperature         | -35 ... +85 °C                                                                                        |
| Note on continuous operating temperature | Cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

| Commercial data       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-44-06-04   |
| eCl@ss 9.0            | 27-44-06-04   |
| ETIM 9.0              | EC002587      |
| ETIM 8.0              | EC002587      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | PL            |
| GTIN                  | 4055143804387 |
| Customs tariff number | 85444290900   |

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
891-8282/016-301

↓

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



[Item No.: 890-111](#)  
Locking lever; for flying leads; for tool operation; black



[Item No.: 890-131](#)  
Locking lever; for flying leads; for tool operation; white



[Item No.: 890-101](#)  
Locking lever; for manual operation; black



[Item No.: 890-121](#)  
Locking lever; for manual operation; white



1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



**Item No.: 897-2001**  
Protective cap; Type1; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



**Item No.: 890-310**  
Mounting carrier; 2- to 5-pole; for flying leads; black



**Item No.: 890-311**  
Mounting carrier; 2- to 5-pole; for flying leads; white