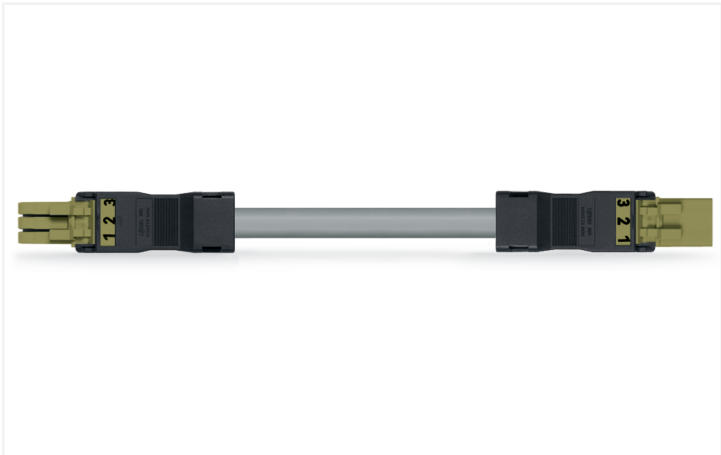
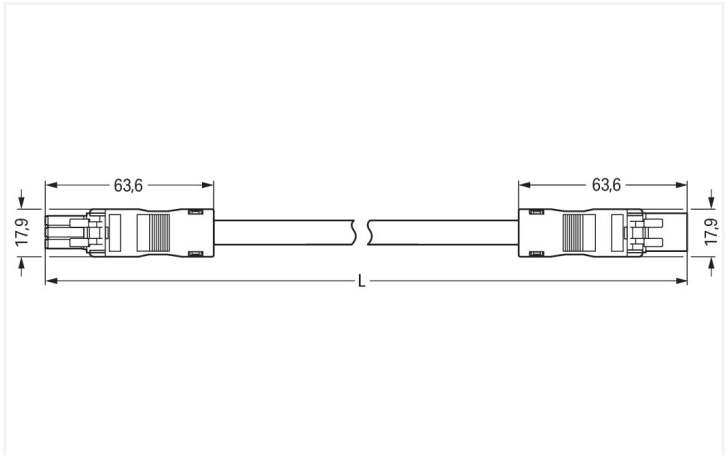




Color: ■ light green



Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

For power and signal transmission: The WINSTA® MINI cable assembly B coding. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Pluggable installation connectors with B coding from the WINSTA® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Customer-specific pole marking is possible, too. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantages. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the connection is low-maintenance and requires no screw connections. According to the European CPR, the fire class of the cables used in construction is decisive for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also cut installation costs without compromising safety and quality: with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- consistent IP40 protection
- with B coding for controllers, for example lighting fixtures and sun blinds
- custom-engineered solutions
- rapid, structured electrical installation

| Notes     |                                                                                                                                                                                     |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note      | Cables with a different fire class can be found in the eShop.                                                                                                                       |
| Variants: | Other pole markings<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |

| Electrical data            |       |                                                                                       |     |    |
|----------------------------|-------|---------------------------------------------------------------------------------------|-----|----|
| Ratings per                |       | IEC/EN 60664-1                                                                        |     |    |
| Overvoltage category       |       | III                                                                                   | III | II |
| Pollution degree           |       | 3                                                                                     | 2   | 2  |
| Nominal voltage            | 250 V | -                                                                                     | -   | -  |
| Rated surge voltage        | 4 kV  | -                                                                                     | -   | -  |
| Rated current              | 10 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 | 3 | Connection 1       |               |
|                            |   | Pole number        | 3             |
|                            |   | Wire cross-section | 1 mm²         |
|                            |   | Connection type    | Socket - Plug |

Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 4.4 mm / 0.173 inches  |
| Width        | 17.9 mm / 0.705 inches |
| Height       | 14 mm / 0.551 inches   |
| Total length | 1 m                    |

Mechanical data

|                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------|
| Use                                     | Control technology                                            |
| Coding                                  | B                                                             |
| Variable coding                         | No                                                            |
| Marking                                 | 1 2 3                                                         |
| Potential marking                       | 1 2 3                                                         |
| 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                              | H05VV-F 3x1                                                   |
| 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                              | light green                                                              |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Fire class per EN 50575            | E <sub>ca</sub>                                                          |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.543 MJ                                                                 |
| Connector color                    | light green                                                              |
| Strain relief color                | black                                                                    |
| Sheathed cable color               | gray                                                                     |
| Printing color of sheathed cable   | black                                                                    |



| Material data             |            |
|---------------------------|------------|
| Halogen-free              | No         |
| Silicon-free              | Yes        |
| Sheath material           | PVC        |
| Rubber cable              | No         |
| Weight                    | 85.6 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                  | 4050821622598 |
| Customs tariff number | 85444290900   |

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

Downloads

Environmental Product Compliance

| Compliance Search                                    |  |
|------------------------------------------------------|--|
| Environmental Product Compliance<br>891-8993/005-105 |  |

Documentation

| Bid Text         |            |                 |  |
|------------------|------------|-----------------|--|
| 891-8993/005-105 | 19.02.2019 | xml<br>2.95 KB  |  |
| 891-8993/005-105 | 02.06.2015 | doc<br>24.00 KB |  |

CAD/CAE-Data

| CAE data                              |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| EPLAN Data Portal<br>891-8993/005-105 |  |
| WSCAD Universe<br>891-8993/005-105    |  |

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