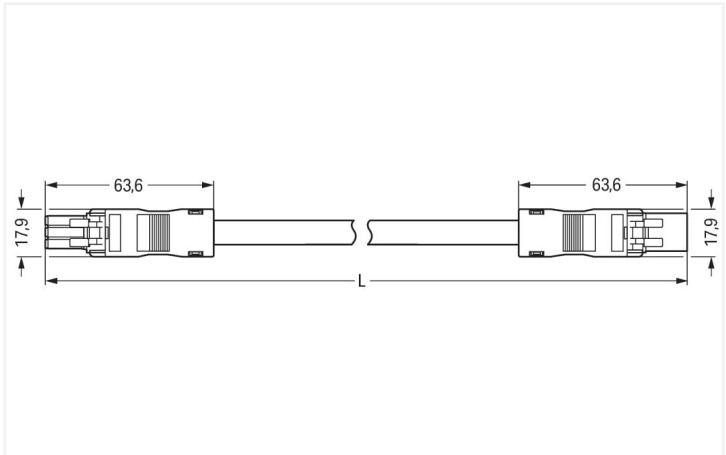




Color: ■ light green



Dimensions in mm

Cable assembly WINSTA® MINI B coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly B coding. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow resource-efficient, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. Solutions like the WINSTA® MINI pluggable installation connectors with B coding are appropriate for applications related to process control, for example, for lighting or within data networks. Especially where space is tight, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantages. It is very compact, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the connection is low-maintenance and can be performed without screw connections. This product meets all the relevant fire protection requirements of fire class E; therefore it can be used in domains where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Now you can also cut installation expenses without compromising quality and safety: with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- with B coding for use in automation of processes, such as lighting technology, for example
- custom-engineered solutions
- fast, secure 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              |  | 16 A                 | -   | -  |
| Ratings per IEC/EN – Notes |  |                      |     |    |
| Rated current (note)       |  | 13 A for 3-pole load |     |    |



| 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 | 3 | Connection 1       |               |
|                            |   | Pole number        | 3             |
|                            |   | Wire cross-section | 1.5 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  | 2 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 3x1.5                                                 |
| 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                              | 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                                                                    |
| Halogen-free                       | No                                                                       |
| Silicon-free                       | Yes                                                                      |
| Sheath material                    | PVC                                                                      |
| Rubber cable                       | No                                                                       |
| Weight                             | 210 g                                                                    |
| Copper weight of the pipe          | 0.043 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                  | 4055143463997 |
| Customs tariff number | 85444290900   |

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

| Downloads                                            |  |
|------------------------------------------------------|--|
| Environmental Product Compliance                     |  |
| Compliance Search                                    |  |
| Environmental Product Compliance<br>891-8993/006-205 |  |



Documentation

| Bid Text         |            |                 |                                                                                   |
|------------------|------------|-----------------|-----------------------------------------------------------------------------------|
| 891-8993/006-205 | 19.02.2019 | xml<br>2.96 KB  |  |
| 891-8993/006-205 | 02.06.2015 | doc<br>24.50 KB |  |

CAD/CAE-Data

| CAE data                              |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| EPLAN Data Portal<br>891-8993/006-205 |  |

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

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)