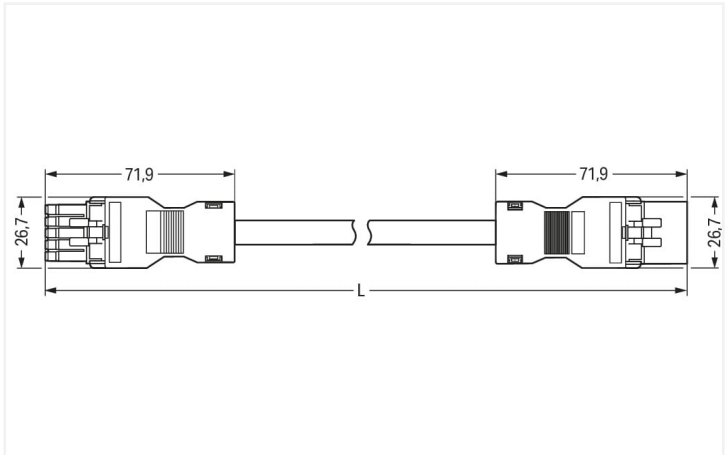




Color: ■ blue



Dimensions in mm

Cable assembly WINSTA® MINI rated current 16 A

The WINSTA® MINI cable assembly I coding is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. WAGO pluggable installation connectors can be used when specifications repeat or are distributed on a specified 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 mismatching. I coding in blue is used to label WINSTA® MINI pluggable installation connectors, which are used above all in automation of buildings for activating lighting. Where space is tight, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantages. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the installation is low-maintenance and requires no screw connections. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

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

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – with strain relief hosting from WAGO makes the installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with I coding for use in building automation (lighting control)
- ready to install and use immediately
- convenient installation and commissioning

| 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      | 400 V | -              | -   | -  |                                                 |  |
| Rated surge voltage  | 6 kV  | -              | -   | -  |                                                 |  |
| Rated current        | 16 A  | -              | -   | -  |                                                 |  |

## Connection data

|                            |                      |                     |                     |
|----------------------------|----------------------|---------------------|---------------------|
| Total number of potentials | 5                    | <b>Connection 1</b> |                     |
| PE function                | Preceding PE contact | Pole number         | 5                   |
|                            |                      | Wire cross-section  | 1.5 mm <sup>2</sup> |
|                            |                      | Connection type     | Socket - Plug       |

## Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 4.4 mm / 0.173 inches  |
| Width        | 26.7 mm / 1.051 inches |
| Height       | 15.8 mm / 0.622 inches |
| Total length | 4 m                    |

## Mechanical data

|                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------|
| Use                                     | DALI, Lighting Management                                     |
| Coding                                  | I                                                             |
| Variable coding                         | No                                                            |
| Marking                                 | N ⊕ L - +                                                     |
| Potential marking                       | N ⊕ L - +                                                     |
| 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 5G1.5                                                 |
| 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)                                                         |
| Fire class per EN 50575            | E <sub>ca</sub>                                                          |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 119.978 MJ                                                               |
| Connector color                    | blue                                                                     |
| Strain relief color                | white                                                                    |
| Sheathed cable color               | white                                                                    |
| Printing color of sheathed cable   | black                                                                    |



| Material data             |            |
|---------------------------|------------|
| Halogen-free              | No         |
| Silicon-free              | Yes        |
| Sheath material           | PVC        |
| Rubber cable              | No         |
| Weight                    | 640.7 g    |
| Copper weight of the pipe | 0.072 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                  | 4055143398428 |
| Customs tariff number | 85444290900   |

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

Approvals / Certificates

General approvals



| Approval                              | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA<br>DEKRA Certification B.V.       | EN 61535 | NTR NL-7971      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535 | 71-123232        |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
891-8985/006-402

↓

Documentation

| Bid Text         |            |                 |   |
|------------------|------------|-----------------|---|
| 891-8985/006-402 | 19.02.2019 | xml<br>2.95 KB  | ↓ |
| 891-8985/006-402 | 01.12.2014 | doc<br>25.00 KB | ↓ |

CAD/CAE-Data

CAE data

WSCAD Universe  
891-8985/006-402

↓

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.: 897-2003](#)  
Protective cap; Type2; 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