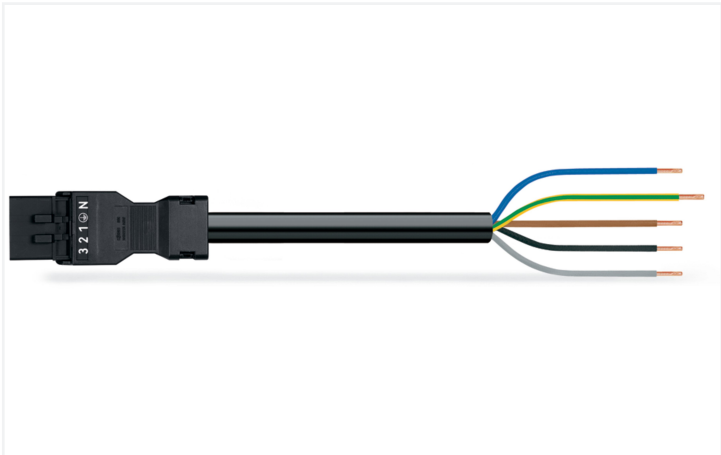
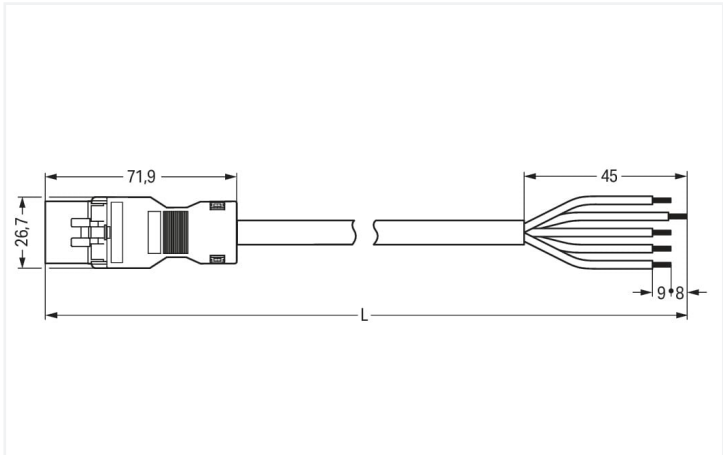




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MINI rated current 13 A

For power and signal transmission: The WINSTA® MINI cable assembly 5-pole. WAGO pluggable installation connectors are useful when specifications repeat or are planned on a defined 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. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. If only limited space is available, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantageous properties. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and requires no screw connections. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. In the production of this cable assembly, halogens were deliberately omitted. That is an important contribution to environmental protection.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are provided. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with strain relief hosting from WAGO makes the installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for a great number of uses
- custom-engineered solutions
- fast, secure installation

| 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        | 13 A  | -              | -   | -  |                                                 |  |



| Connection data                 |                           |                     |
|---------------------------------|---------------------------|---------------------|
| Total number of potentials      | 5                         | <b>Connection 1</b> |
| Conductor preparation           | ultrasonically tip-bonded |                     |
| Strip length                    | 9 mm / 0.35 inches        |                     |
| Pole number                     | 5                         |                     |
| Wire cross-section              | 1.5 mm²                   |                     |
| Strip length (outer insulation) | 45 mm                     |                     |
| Connection type                 | Plug - free end           |                     |

| 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  | 6 m                    |  |

| Mechanical data                         |                                                               |  |
|-----------------------------------------|---------------------------------------------------------------|--|
| Use                                     | General mains applications                                    |  |
| Coding                                  | A                                                             |  |
| Variable coding                         | No                                                            |  |
| Marking                                 | N ⊕ 1 2 3                                                     |  |
| Potential marking                       | N ⊕ 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                         | Plug - free end                                               |  |
| Type of pre-assembled cable             | Connecting cable                                              |  |
| Cable type                              | H05Z1Z1-F 5G1.5                                               |  |
| Protection type                         | IP20; IP40 when mated                                         |  |

| Plug-in connection            |                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Mismating protection          | Yes                                                                                                                                                                                                                                                                                                              |  |
| Note on mismating protection  | All <i>WINSTA</i> ® 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                              | black                                                                    |  |
| 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                          | 180.043 MJ                                                               |  |
| Connector color                    | black                                                                    |  |
| Strain relief color                | black                                                                    |  |



| Material data                    |              |
|----------------------------------|--------------|
| Sheathed cable color             | black        |
| Printing color of sheathed cable | white        |
| Halogen-free                     | Yes          |
| Silicon-free                     | Yes          |
| Sheath material                  | Halogen-free |
| Rubber cable                     | No           |
| Weight                           | 936.4 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                  | 4055143399777 |
| Customs tariff number | 85444290900   |

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

| Approvals / Certificates                                |          |                                                            |
|---------------------------------------------------------|----------|------------------------------------------------------------|
| General approvals                                       |          | Declarations of conformity and manufacturer's declarations |
| <div><div>CCA</div><div>KEMA<br/>KEUR</div></div>       |          |                                                            |
| 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                                                  |
| Approval                                                | Standard | Certificate Name                                           |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                                                          |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                                                          |



Downloads

Environmental Product Compliance

|                                  |  |  |   |
|----------------------------------|--|--|---|
| Compliance Search                |  |  |   |
| Environmental Product Compliance |  |  | ↓ |
| 891-8995/216-601                 |  |  |   |

Documentation

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| Bid Text         |            |                 |   |
| 891-8995/216-601 | 19.02.2019 | xml<br>3.01 KB  | ↓ |
| 891-8995/216-601 | 01.12.2014 | doc<br>25.50 KB | ↓ |

CAD/CAE-Data

|                                       |   |
|---------------------------------------|---|
| CAE data                              |   |
| EPLAN Data Portal<br>891-8995/216-601 | ↓ |
| WSCAD Universe<br>891-8995/216-601    | ↓ |

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