

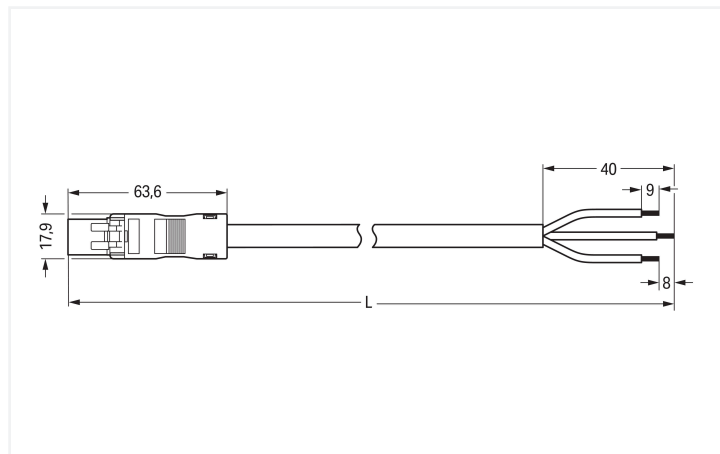
## Data Sheet | Item Number: 891-8393/266-201

pre-assembled connecting cable; Cca; Plug/open-ended; 3-pole; Cod. A; H05Z1Z1-F 3G 1.5 mm<sup>2</sup>; 2 m; 1,50 mm<sup>2</sup>; black

<https://www.wago.com/891-8393/266-201>



Color: ■ black



Dimensions in mm

### Cable assembly WINSTA® MINI with protection against mismatching

For signal and power transmission: The WINSTA® MINI cable assembly A coding. WAGO pluggable installation connectors are useful when criteria repeat or are planned on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater security 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. Thanks to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for connections when very little room is available. Anyone who needs to take into account technical safety requirements for fire protection reasons for electrical installation should use only top quality components. Our product meets the official safety standards of fire class C. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

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

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

- effective protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- with A coding for a large number of uses
- ready to install and use immediately
- fast, secure installation

### Notes

Note

Cables with a different fire class can be found in the eShop.

## Electrical data

### Ratings per IEC/EN

|   |  |
|---|--|
| Ratings per                               | IEC/EN 60664-1   |
| Nominal voltage (III/3)                   | 250 V  |
| Rated impulse withstand voltage (III / 3) | 4 kV   |
| Rated current                             | 16 A   |
| Legend (ratings)                          | (III / 3) $\Delta$ Overvoltage category III / Pollution degree 3 |

### General information

|                            |  |
|----------------------------|--|
| Note on contact resistance | approx. 1 m $\Omega$ of contact resistance<br>approx. 0.25 m $\Omega$ contact transition plug/socket |
|----------------------------|--|

## Connection Data

|                            |                           |
|----------------------------|---------------------------|
| Total number of potentials | 3                         |
| PE function                | Preceding PE contact      |
| Conductor preparation      | ultrasonically tip-bonded |

### Connection 1

|                                 |                     |
|---------------------------------|---------------------|
| Strip length                    | 9 mm / 0.35 inches  |
| Pole number                     | 3                   |
| Wire cross-section              | 1.5 mm <sup>2</sup> |
| Strip length (outer insulation) | 40 mm               |
| Connection type                 | Plug - free end     |

## 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                                     | General mains applications                                    |
| Coding                                  | A   |
| Variable coding                         | No  |
| Marking                                 | L $\oplus$ N  |
| Potential marking                       | L $\oplus$ N  |
| 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 3G1.5   |
| 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                              | black  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire class per EN 50575            | C <sub>ca</sub>  |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin  |
| Fire load                          | 19.528 MJ  |
| Connector color                    | black  |
| Printing color of mating face      | white  |
| Strain relief color                | black  |
| Sheathed cable color               | black  |
| Printing color of sheathed cable   | white  |
| Halogen-free                       | Yes  |
| Silicon-free                       | Yes  |
| Sheath material                    | Halogen-free   |
| Rubber cable                       | No   |
| Weight                             | 208.6 g  |
| Copper weight of the raw cable     | 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

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | PL            |
| GTIN                  | 4066966815160 |
| Customs tariff number | 85444290900   |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 26121629             |
| ETIM 9.0  | EC002587             |
| ETIM 10.0 | EC002587             |
| ECCN      | NO US CLASSIFICATION |

### Environmental Product Compliance

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

## Downloads

### Environmental Product Compliance

| Compliance Search                                    |   |
|--|---|
| Environmental Product Compliance<br>891-8393/266-201 | ↓ |

## 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