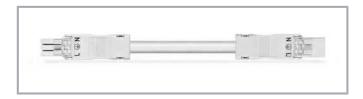
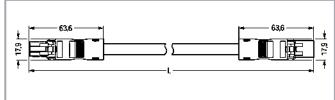
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.0 mm<sup>2</sup>; 6 m; 1,00 mm<sup>2</sup>; white



www.wago.com/891-8993\_015-602





#### Item description

# Cable assembly WINSTA® MINI 3-pole

The WINSTA® MINI cable assembly with protection against mismating supports rapid, correct installation. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 very suitable in very tight spaces, i.e., for connections when very little room is available. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

# Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Now you can also reduce installation costs without compromising quality and safety: The WINSTA® MINI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in a large number of general mains applications
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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

WAGO Corporation Germantown, WI 53022

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Email: info.us@wago.com | Web: www.wago.us

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# Data Notes

Note

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

#### Electrical data

Note on contact resistance approx. 1 m $\Omega$  of contact resistance

approx. 0.25  $\text{m}\Omega$  contact transition plug/socket

# **IEC Approvals**

| Ratings per                   | IEC/EN 60664-1  |
|-------------------------------|---|
| Rated voltage (III / 3)       | 250 V   |
| Rated impulse voltage (III/3) | 4 kV  |
| Rated current                 | 10 A  |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Ratings per UL

Note for the US market

Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

#### Connection data

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

#### Connection 1

| Number of poles         | 3             |
|-------------------------|---------------|
| Sheathed cable diameter | 6.3 8 mm      |
| Wire cross-section      | 1 mm²         |
| Connection type         | Socket - Plug |

# Physical data

Pin spacing 4.4 mm / 0.173 inch

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| Total length                            | 6 m   |
|---|---|
|   |   |
| Nechanical data                         |   |
| Application                             | General mains applications                                |
| Coding                                  | А   |
| Variable coding                         | No  |
| Marking                                 | L   |
| Potential Marking                       | 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                              | H05Z1Z1-F 3G1   |
| Protection type                         | IP20; IP40 when mated                                     |
|   |   |
| Plug-in connection                      |   |
| Mismating protection                    | Yes   |
|   |   |

| Mismating protection          | Yes   |
|-------------------------------|---|
| Note on mismating protection  | All WINSTA® components are 100% protected against mismating |
|                               | when:   |
|                               | a.) plugging different numbers of poles                     |
|                               | b.) plugging while rotated 180                              |
|                               | c.) plugging while laterally staggered                      |
|                               | d.) plugging one pole                                       |
| Locking lever                 | Can be retrofitted  |
| Locking of plug-in connection | locking lever   |

### Material data

| Note (material data)          | Information on material data can be found here |  |
|-------------------------------|--|--|
| Color white                   |  |  |
| Insulation material           | Polyamide (PA66)                               |  |
| Fire class per EN 50575       | E <sub>ca</sub>                                |  |
| Contact material              | Copper or copper alloy; surface-treated        |  |
| Fire load                     | 179.273 MJ                                     |  |
| Connector color               | white  |  |
| Printing color of mating face | black  |  |

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

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| white        |
|--------------|
| white        |
| black        |
| Yes          |
| Halogen-free |
| 450.2 g      |
| 0.029 kg/m   |
| ,            |

### **Environmental requirements**

| Processing temperature                   | -5 +40 °C   |  |
|--|---|--|
| Continuous operating temperature         | -35 +85 °C  |  |
| Note on continuous operating temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |  |

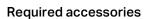
### Commercial data

| PU (SPU)                            | 1 Stück       |
|-------------------------------------|---------------|
| Packaging type                      | unpacked      |
| Country of origin VKOrg Germany     | DE            |
| GTIN                                | 4045454349967 |
| Customs tariff number VKOrg Germany | 85444290900   |

# Approvals / Certificates

# **Country specific Approvals**

| Logo | Approval                           | Additional Approval Text | Certificate<br>name |
|------|------------------------------------|--------------------------|---------------------|
| CCA  | CCA DEKRA Certification B.V.       | EN 61535                 | NTR NL-<br>7823     |
| KEMA | KEMA/KEUR DEKRA Certification B.V. | EN 61535                 | 71-<br>112995       |



**Locking levers** 

Locking system

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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| Item no.: 890-111<br>Locking lever; for flying leads; for tool operation; black | www.wago.com/890-111 |
|---|----------------------|
| Item no.: 890-101 Locking lever; for manual operation; black                    | www.wago.com/890-101 |
| Item no.: 890-121<br>Locking lever; for manual operation; white                 | www.wago.com/890-121 |
| Item no.: 890-131 Locking lever; for flying leads; for tool operation; white    | www.wago.com/890-131 |

#### Optional accessories

| $\sim$ | _ |   | _ | _ |
|--------|---|---|---|---|
| G      | O | v | e | r |

Other



Item no.: 897-2001

Protective cap; Type1; for sockets and plugs; PVC; red

www.wago.com/897-2001

| N A | 0 |    | ٠+ | in | ~ |
|-----|---|----|----|----|---|
| IVI | U | uı | IL |    | y |

Mounting accessories

Item no.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/890-310

Item no.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

www.wago.com/890-311

# Downloads

# Documentation

**Bid Text** 

| 891-8993/015-602<br>X81 - Datei | 2019 Feb 19 | xml<br>3.0 kB  | Download |
|---------------------------------|-------------|----------------|----------|
| 891-8993/015-602<br>doc - Datei | 2014 Nov 26 | doc<br>24.6 kB | Download |

# **CAD files**

#### **CAE** data

| WSCAD Universe 891-8993/015-602  | URL | Download |
|--|-----|----------|
| WSCAD Universe 891-8993/015-602  | URL | Download |
| Subject to changes. Please also observe the further product documentation! |     |          |

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# **Environmental Product Compliance**

Compliance Search

Environmental Product Compliance 891-8993/015-602

URL

Download

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F  $3G\ 1.0\ mm^2$ ; 6 m;  $1,00\ mm^2$ ; white

**Installation Notes** 

**Product family** 

WINSTA® MINI

Show all products from the family

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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