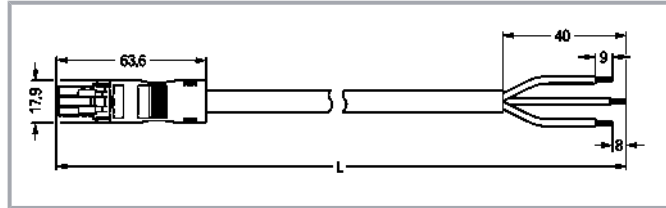


Data sheet | Item number: 891-8993/105-801

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A;
8 m; 1,00 mm²; black

www.wago.com/891-8993_105-801



Item description

Cable assembly **WINSTA®** MINI with protection type IP40

Use effective pluggable connections instead of laborious screw connections: With the **WINSTA®** MINI cable assembly with protection against mismatching. WAGO pluggable installation connectors are used when criteria repeat or are distributed on a specific 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. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. General mains applications for almost any domain of use can be implemented with **WINSTA®** MINI pluggable installation connectors with A coding. Thanks to its particularly minimal dimensions, our **WINSTA®** MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very restricted spaces, i.e., for connections when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a free end are provided. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also reduce installation expenses without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for a large number of uses
- ready to install and use immediately

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

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- convenient installation and commissioning

Data Notes

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

Electrical data

| | |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ 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

| | |
|---------------------------------|-------------------|
| Strip length | 9 mm / 0.35 inch |
| Number of poles | 3 |
| Sheathed cable diameter | 6.3 ... 8 mm |
| Wire cross-section | 1 mm ² |
| Strip length (outer insulation) | 40 mm |

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| | |
|-----------------|-------------------|
| Connection type | Socket - Free end |
|-----------------|-------------------|

Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 8 m |

Mechanical data

| | |
|---|---|
| Application | General mains applications |
| Coding | A |
| Variable coding | No |
| Marking | L \perp N |
| Potential Marking | L \perp 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 | Socket - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | H05VV-F 3G1 |
| Protection type | IP40 |

Plug-in connection

| | |
|-------------------------------|---|
| 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 | black |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |

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

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| | |
|----------------------------------|---|
| Contact material | Copper or copper alloy; surface-treated |
| Fire load | 239.604 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 | No |
| Sheath material | PVC |
| Weight | 592.6 g |
| Copper weight of the pipe | 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-------------------------------------|---------------|
| PU (SPU) | 1 Stück |
| Packaging type | unpacked |
| Country of origin VKOrg Germany | PL |
| GTIN | 4045454350178 |
| Customs tariff number VKOrg Germany | 85444290900 |

Required accessories

Locking levers

| | |
|---|--|
| Locking system | |
| Item no.: 890-111 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 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 |

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Optional accessories

Mounting

| | | |
|---|--|--|
| 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 |

Cover

| | | |
|---|--|--|
| Other | | |
|  | Item no.: 897-2001 Protective cap; Type1; for sockets and plugs; PVC; red | www.wago.com/897-2001 |

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|----------------|----------|
| 891-8993/105-801 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
| 891-8993/105-801 doc - Datei | 2014 Nov 26 | doc 24.6 kB | Download |

CAD files

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 891-8993/105-801 | URL | Download |
| WSCAD Universe 891-8993/105-801 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 891-8993/105-801 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; 8 m; 1,00 mm ² ; black | URL | Download |
|--|-----|----------|

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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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