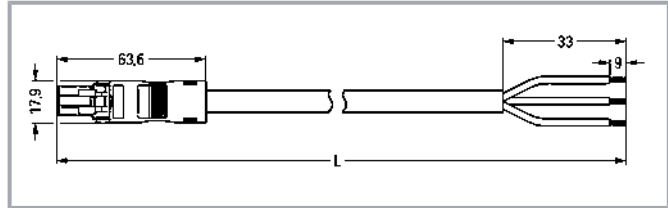


Data sheet | Item number: 891-8993/105-403

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B;
4 m; 1,00 mm²; gray

www.wago.com/891-8993_105-403



Item description

Cable assembly **WINSTA®** MINI with protection against mismating

The **WINSTA®** MINI cable assembly with protection against mismating supports fast, reliable installation. WAGO pluggable installation connectors can be used when requirements repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers protection against contact with tools or wires if they are smaller than 1 mm in accordance with protection type IP40. Pluggable installation connectors with B coding from the **WINSTA®** MINI line are available in grey, light grey, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Your own pole marking is possible in addition. **WINSTA®** MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for instance, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

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

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- 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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- quick replacement of defective units during ongoing operation

Data Notes

Note	Cables with a different fire class can be found in the eShop.
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Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .
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Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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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.
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Connection data

Total number of potentials	3
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 mm²

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Strip length (outer insulation)	33 mm
Connection type	Socket - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	4 m

Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3
Potential Marking	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	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	Control line 3 x 1
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	gray
Insulation material	Polyamide (PA66)
Fire class per EN 50575	

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

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	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.08 MJ
Connector color	gray
Printing color of mating face	black
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	298.4 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	4055143515061
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

Cover

Other



Item no.: 897-2001

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

www.wago.com/897-2001

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

Downloads

Documentation

Bid Text

891-8993/105-403 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/105-403 doc - Datei	2014 Dec 2	doc 25.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/105-403 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 4 m; 1,00 mm ² ; gray	URL	Download
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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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