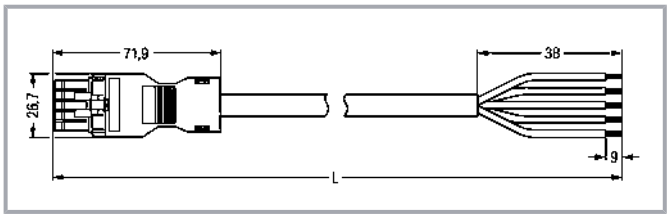
Data sheet | Item number: 891-8995/105-303

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 3 m; 1,00 mm²; gray

www.wago.com/891-8995_105-303



Item description

Cable assembly *WINSTA*® MINI with protection type IP40

The *WINSTA*® MINI cable assembly rated current 10 A supports rapid, correct installation. WAGO pluggable installation connectors are used when requirements repeat or are planned 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 provided with mechanical protection against mismating. The pluggable installation connector is protected against ingress by solid granular objects with a diameter below 1 mm in accordance with protection type IP40. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are suitable for applications related to process control, such as for lighting or within data networks. Particularly where space is tight, 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. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

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

A socket and a free end are available. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with fire class E from WAGO.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- with B coding for controllers, for example lighting fixtures and sun blinds
- ready for immediate use
- quick replacement of defective units during ongoing operation

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data

Notes

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

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)	400 V
Rated impulse voltage (III/3)	6 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	5
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	5
Sheathed cable diameter	7.8 … 9.3 mm
Wire cross-section	1 mm²
Strip length (outer insulation)	38 mm

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Connection type	Socket - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	3 m

Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential Marking	1 2 3 4 5
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 5 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	E_{ca}

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Contact material	Copper or copper alloy; surface-treated
Fire load	0.299 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	346.3 g
Copper weight of the pipe	0.048 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	4055143517508
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.: 897-2003
Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

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

891-8995/105-303 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8995/105-303 doc - Datei	2015 Mar 12	doc 25.6 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/105-303 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 3 m; 1,00 mm²; gray	URL	Download

Installation Notes

Product family

WINSTA® MINI
Show all products from the family

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

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