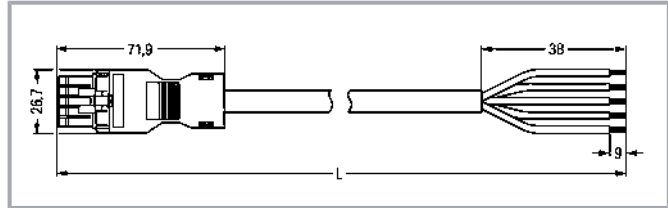


Data sheet | Item number: 891-8995/105-203

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

www.wago.com/891-8995_105-203



Item description

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

Use effective pluggable connections instead of laborious screw connections: With the **WINSTA®** MINI cable assembly with protection against mismating, WAGO pluggable installation connectors can be used when specifications repeat or are planned on a specific pattern, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. Pluggable installation connectors with B coding from the **WINSTA®** MINI line are available in pink, light grey, or grey, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible as well. Especially if only limited space is available, our smallest pluggable connection system, **WINSTA®** MINI, consistently displays its advantages. It saves space, and, with Push-in **CAGE CLAMP®** spring pressure connection technology, it also can be installed quickly, since the installation is low-maintenance and can be performed without screw connections. 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.

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

The cable assembly is equipped with a socket and a free end. **WINSTA®** is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also cut installation costs without compromising safety and quality: 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
- with B coding for use in automation of processes, such as lighting technology, among other examples
- custom-engineered solutions

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.
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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)	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.
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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 mm ²

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Strip length (outer insulation)	38 mm
Connection type	Socket - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	2 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	

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	E _{ca}
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	234.3 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	4055143517522
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		www.wago.com/890-310
Mounting carrier; 2- to 5-pole; for flying leads; black		
Item no.: 890-311		www.wago.com/890-311
Mounting carrier; 2- to 5-pole; for flying leads; white		

Cover

Other		
	Item no.: 897-2003	www.wago.com/897-2003
Protective cap; Type2; for sockets and plugs; PVC; red		

Downloads

Documentation

Bid Text

891-8995/105-203	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
891-8995/105-203	2015 Mar 12	doc	Download
doc - Datei		25.6 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/105-203	URL	Download
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 2 m; 1,00 mm ² ; gray		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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