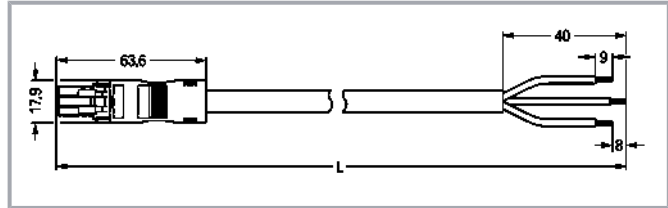


Data sheet | Item number: 891-8993/105-101

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

www.wago.com/891-8993_105-101



Item description

Cable assembly **WINSTA®** MINI with strain relief

The **WINSTA®** MINI cable assembly with protection against mismating provides the foundation for assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors can be used when criteria repeat or are planned on a specific pattern, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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. Thanks to the color coding and mechanical A coding of **WINSTA®** MINI pluggable installation connectors, you can clearly distinguish different circuits. **WINSTA®** MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for example, since due to LED technology, these offer significantly less space for the connection technology. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Take advantage 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.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- with A coding for use in a large number of general mains applications
- 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?
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Data Notes

Note	Cables with a different fire class can be found in the eShop.
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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
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
Connection type	Socket - Free end

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 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}
Contact material	Copper or copper alloy; surface-treated

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Fire load	29.604 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	81.5 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	4055143355216
Customs tariff number VKOrg Germany	8544429090

Counterpart

Item no.890-113 Plug; with strain relief housing; 3-pole; 1,50 mm ² ; black	www.wago.com/890-113
Item no.890-213 Plug; 3-pole; 1,50 mm ² ; black	www.wago.com/890-213
Item no.890-615 T-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black	www.wago.com/890-615
Item no.890-606 T-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black	www.wago.com/890-606
Item no.890-634 h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black	www.wago.com/890-634
Item no.890-636 h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black	www.wago.com/890-636
Item no.890-713	

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

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WINSTA® through-panel plug (male); MINI; snap-in; L/G/N marking; 3-pole; black	www.wago.com/890-713
Item no.890-813 Plug for PCBs; straight; 3-pole; Cod. A; black	www.wago.com/890-813
Item no.890-813/011-000 Plug for PCBs; angled; 3-pole; Cod. A; black	www.wago.com/890-813/011-000

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

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

891-8993/105-101	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	

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

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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