

Data sheet | Item number: 891-8993/005-107

pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm²; pink

www.wago.com/891-8993_005-107



Item description

Cable assembly *WINSTA*® MINI B coding

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly 3-pole. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 light, pumps or, sun blinds. Your own pole marking is possible as well. Especially where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its advantages. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the connection is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used in construction is critical for building safety as well. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are provided. The *WINSTA*® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- for automation controllers
- ready for immediate use
- convenient installation and commissioning

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.
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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

Number of poles	3
Sheathed cable diameter	6.3 ... 8 mm
Wire cross-section	1 mm ²
Connection type	Socket - Plug

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Control line 3 x 1
Protection type	IP20; IP40 when mated

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	pink
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.11 MJ

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Connector color	pink
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	85.7 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	4050821622604
Customs tariff number VKOrg Germany	85444290900

Counterpart

Item no.890-1763 h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; pink	www.wago.com/890-1763
Item no.890-283 Socket; 3-pole; Cod. B; 1,50 mm²; pink	www.wago.com/890-283
Item no.890-293 Plug; 3-pole; 1,50 mm²; pink	www.wago.com/890-293
Item no.890-793 WINSTA® through-panel plug (male); MINI; snap-in; 1/2/3 marking; 3-pole; pink	www.wago.com/890-793
Item no.890-783 WINSTA® through-panel socket (female); MINI; snap-in; 1/2/3 marking; 3-pole; pink	www.wago.com/890-783
Item no.890-883 Socket for PCBs; straight; 3-pole; Cod. B; pink	www.wago.com/890-883
Item no.890-893 Plug for PCBs; straight; 3-pole; Cod. B; pink	www.wago.com/890-893
Item no.890-893/011-000	www.wago.com/890-893

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Plug for PCBs; angled; 3-pole; Cod. B; pink

/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

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

891-8993/005-107	2019 Feb 19	xml	Download
X81 - Datei		3.0 kB	
891-8993/005-107	2015 Jun 2	doc	Download
doc - Datei		24.6 kB	

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CAD files

CAE data

WSCAD Universe 891-8993/005-107	URL	Download
WSCAD Universe 891-8993/005-107	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/005-107 pre-assembled interconnecting cable; Socket/plug; 3-pole; Cod. B; 1 m; 1,00 mm ² ; pink	URL	Download
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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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