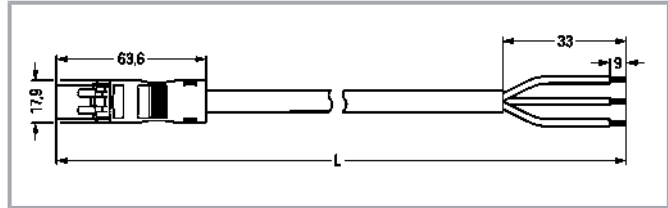


Data sheet | Item number: 891-8993/205-107

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

www.wago.com/891-8993_205-107



Item description

Cable assembly *WINSTA*® MINI B coding

The *WINSTA*® MINI cable assembly B coding is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow fast, efficient, error-free installation in a large number of possible uses. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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. Customer-specific pole marking is possible as well. Thanks to its particularly minimal dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very restricted spaces, i.e., for connections when very little room is available. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also lower installation costs without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for controllers such as lighting fixtures and sun blinds
- flexible installation to save space
- 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 m Ω of contact resistance
approx. 0.25 m Ω contact transition plug/socket

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) \triangleq 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	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 mm ²
Strip length (outer insulation)	33 mm

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Connection type	Plug - Free end
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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	Plug - free end
Type of pre-assembled cable	Connecting 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}

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



Contact material	Copper or copper alloy; surface-treated
Fire load	0.086 MJ
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	79.2 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	4050821622659
Customs tariff number VKOrg Germany	85444290900

Counterpart

Item no.890-283 Socket; 3-pole; Cod. B; 1,50 mm ² ; pink	www.wago.com/890-283
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.890-783 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.890-883/011-000 Socket for PCBs; angled; 3-pole; Cod. B; pink	www.wago.com/890-883/011-000

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



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

891-8993/205-107 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/205-107 doc - Datei	2014 Dec 2	doc 25.6 kB	Download

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



CAD files

CAE data

WSCAD Universe 891-8993/205-107	URL	Download
WSCAD Universe 891-8993/205-107	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/205-107 pre-assembled connecting cable; Eca; Plug/open-ended; 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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