

Data sheet | Item number: 891-8995/005-107

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m;
1,00 mm²; pink

www.wago.com/891-8995_005-107



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 type IP20. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in next to no time. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Solutions like the **WINSTA®** MINI pluggable installation connectors with B coding are suitable for applications related to process control, such as for lighting or in data networks. Thanks to its particularly small 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, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The **WINSTA®** Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also lower installation expenses without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for use in process automation, such as lighting technology
- exact dimensions
- rapid, structured electrical installation

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)	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

Number of poles	5
Sheathed cable diameter	7.8 ... 9.3 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 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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Control line 5 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	0.517 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	132.2 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	4055143321785
Customs tariff number VKOrg Germany	85444290900

Counterpart

Item no.890-285 Socket; 5-pole; Cod. B; 1,50 mm²; pink	www.wago.com/890-285
Item no.890-295 Plug; 5-pole; 1,50 mm²; pink	www.wago.com/890-295
Item no.890-795 WINSTA® through-panel plug (male); MINI; snap-in; 1/2/3/4/5 marking; 5-pole; pink	www.wago.com/890-795
Item no.890-785 WINSTA® through-panel socket (female); MINI; snap-in; 1/2/3/4/5 marking; 5-pole; pink	www.wago.com/890-785
Item no.890-885 Socket for PCBs; straight; 5-pole; Cod. B; pink	www.wago.com/890-885
Item no.890-885/011-000 Socket for PCBs; angled; 5-pole; Cod. B; pink	www.wago.com/890-885/011-000
Item no.890-895 Plug for PCBs; straight; 5-pole; Cod. B; pink	www.wago.com/890-895
Item no.890-895/011-000 Plug for PCBs; angled; 5-pole; Cod. B; pink	www.wago.com/890-895/011-000

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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.: 897-2003	
	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

891-8995/005-107	2019 Feb 19	xml	Download
X81 - Datei		3.0 kB	
891-8995/005-107	2015 Jun 2	doc	Download
doc - Datei		25.6 kB	

Environmental Product Compliance

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Compliance Search

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Installation Notes

Product family

WINSTA® MINI
[Show all products from the family](#)

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