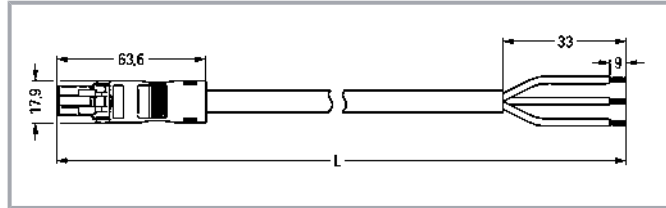


Data sheet | Item number: 891-8993/106-505

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B;
5 m; 1,50 mm²; light green

www.wago.com/891-8993_106-505



Item description

Cable assembly *WINSTA*® MINI rated current 16 A

The *WINSTA*® MINI cable assembly with protection against mismatching supports rapid, correct installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in seconds. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 grey, light grey, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Customer-specific pole marking is possible as well. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided 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. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with protection type IP40 from WAGO makes the electrical installation of electrical components visibly easier.

- effective protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm²
- for automation controllers
- exact dimensions
- fast, secure 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.

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	16 A
Note (rated current)	13 A for 3-pole load
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

Number of poles	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	33 mm
Connection type	Socket - Free end

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	5 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 - Free end
Type of pre-assembled cable	Connecting cable
Cable type	Control line 3 x 1.5
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	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.024 MJ

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



Connector color	light green
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	501.5 g
Copper weight of the pipe	0.043 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	4050821675792
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

Optional accessories

Cover

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

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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

891-8993/106-505 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/106-505 doc - Datei	2014 Dec 2	doc 26.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/106-505 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; 5 m; 1,50 mm ² ; light green	URL	Download
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Installation Notes

Product family

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

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