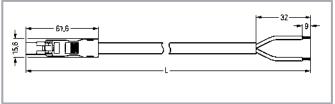pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B;
Control cable 2 x 1.0 mm²; 3 m; 1,00 mm²; light green

www.wago.com/891-8992_205-305

Item description

Cable assembly *WINSTA*® MINI with strain relief

The *WINSTA*® MINI cable assembly B coding is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are appropriate for applications involving process control, for example, for lighting or within data networks. Particularly if only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its advantageous properties. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, 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 for construction is decisive for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also cut installation costs without compromising quality and safety: The *WINSTA*® MINI pluggable installation connector with strain relief hosting eliminates 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 controllers, for example sun blinds and lighting fixtures
- flexible installation to save space

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.

■ convenient installation and commissioning

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 mΩ of contact resistance approx. 0.25 mΩ 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) ≙ 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	2
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	2
Sheathed cable diameter	5.9 … 7.5 mm
Wire cross-section	1 mm²

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

Strip length (outer insulation)	32 mm
Connection type	Plug - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	3 m

Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2
Potential Marking	1 2
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 2 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	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	

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

	E_{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.101 MJ
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	145.5 g
Copper weight of the pipe	0.019 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	4050821483656
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

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

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Optional accessories

Cover

Other

Item no.: 897-2001   www.wago.com/897-2001
Protective cap; Type1; for sockets and plugs; PVC; red

Mounting

Mounting accessories

Item no.: 890-310   www.wago.com/890-310
Mounting carrier; 2- to 5-pole; for flying leads; black

Item no.: 890-311   www.wago.com/890-311
Mounting carrier; 2- to 5-pole; for flying leads; white

Downloads

Documentation

Bid Text

891-8992/205-305 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8992/205-305 doc - Datei	2014 Dec 2	doc 25.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8992/205-305 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.0 mm²; 3 m; 1,00 mm²; light green	URL	Download

Installation Notes

Product family

WINSTA® MINI
Show all products from the family

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