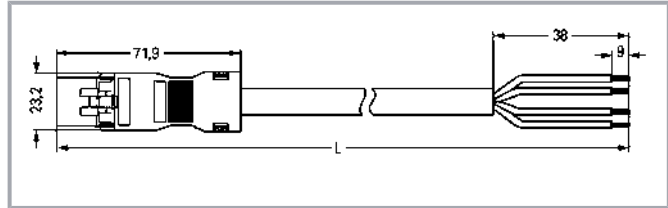# Data sheet | Item number: 891-8994/206-505

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.5 mm²; 5 m; 1,50 mm²; light green

www.wago.com/891-8994_206-505

Item description

Cable assembly *WINSTA*® MINI rated current 16 A

For signal and power transmission: The *WINSTA*® MINI cable assembly with protection type IP20. WAGO pluggable installation connectors can be used when specifications repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. B coding enables the *WINSTA*® MINI pluggable installation connectors to be used for control in applications in automation, mechanical engineering and robotics. Due 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.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are available. The WINSTA® Pluggable Connection System is perfectly 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 installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with fire class E from WAGO.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- custom-engineered solutions
- convenient installation and commissioning

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

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)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Note (rated current)	13 A for 3-pole load 10 A for 4-pole load
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	4
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	4
Sheathed cable diameter	8.4 … 10.5 mm
Wire cross-section	1.5 mm²
Strip length (outer insulation)	38 mm

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

Connection type	Plug - Free end

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 4
Potential Marking	1 2 3 4
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 4 x 1.5
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	E_{ca}

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

Contact material	Copper or copper alloy; surface-treated
Fire load	0.119 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	553.6 g
Copper weight of the pipe	0.058 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	4050821682882
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!

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.: 897-2003 Protective cap; Type2; for sockets and plugs; PVC; red		www.wago.com/897-2003

Downloads

Documentation

Bid Text

891-8994/206-505 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8994/206-505 doc - Datei	2014 Dec 2	doc 26.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/206-505 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B; Control cable 4 x 1.5 mm²; 5 m; 1,50 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!