Data sheet | Item number: 891-8992/205-703

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B;
Control cable 2 x 1.0 mm²; 7 m; 1,00 mm²; gray

www.wago.com/891-8992_205-703

Item description

Cable assembly *WINSTA*® MINI rated current 10 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly with protection type IP20. The pluggable installation connectors with spring pressure connection technology work without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. 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 application control in automation, robotics, and mechanical engineering. Where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its strengths. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and requires no screw connections. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. 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. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with strain relief hosting from WAGO.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for controllers such as lighting fixtures and sun blinds
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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)	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
Strip length (outer insulation)	32 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	7 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	gray
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	0.102 MJ
Connector color	gray
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	333.2 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	4050821483779
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.: 897-2001 Protective cap; Type1; for sockets and plugs; PVC; red		www.wago.com/897-2001

Downloads
Documentation

Bid Text

891-8992/205-703 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8992/205-703 doc - Datei	2014 Dec 2	doc 25.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8992/205-703 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.0 mm²; 7 m; 1,00 mm²; gray	URL	Download

Installation Notes

Product family

WINSTA® MINI
Show all products from the family

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