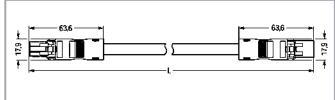# Data sheet | Item number: 891-8993/006-305

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 3 m; 1,50 mm²; light green

www.wago.com/891-8993_006-305

Item description

Cable assembly *WINSTA*® MINI 3-pole

For power and signal transmission: The *WINSTA*® MINI cable assembly with protection against mismating. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in seconds. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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 light, pumps or, sun blinds. Your own pole marking is possible, too. Thanks to its particularly small dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for installations when very little room is available. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also lower installation costs without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with marking reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for controllers such as sun blinds and lighting fixtures
- ready to install and use immediately

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

■ 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	16 A
Note (rated current)	13 A for 3-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	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 mm²

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

Connection type	Socket - Plug

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 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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Control line 3 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	0.111 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	309.1 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	4050821675723
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!

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.

04.04.2022   Page 4/5

Optional accessories

Cover

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

891-8993/006-305	2019 Feb 19	xml	Download
X81 - Datei		3.0 kB	

891-8993/006-305	2015 Jun 2	doc	Download
doc - Datei		25.1 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/006-305	URL	Download
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 3 m; 1,50 mm²; light green		

Installation Notes

Product family

WINSTA® MINI
Show all products from the family

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