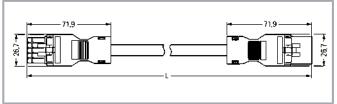
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 4 m; 1,50 mm²; gray



www.wago.com/891-8995_006-403





Item description

Cable assembly WINSTA® MINI with protection type IP20

For power and signal transmission: The *WINSTA*® MINI cable assembly rated current 16 A. The pluggable installation connectors with spring pressure connection technology function 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. 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 minimal dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for connections when very little room is available. This product meets all the relevant safety requirements of fire class E; thus it can be used in areas where fire safety is relevant.

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

A socket and a plug are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also lower installation expenses without compromising safety and quality: The WINSTA® MINI pluggable installation connector with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismating eliminates errors
- consistent IP40 protection
- with B coding for controllers such as sun blinds and lighting fixtures
- ready for immediate use
- 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.

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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. $0.25 \text{ m}\Omega$ 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- and 5-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 Conductor preparation ultrasonically tip-bonded

Connection 1

Number of poles	5
Sheathed cable diameter	9.3 11.6 mm
Wire cross-section	1.5 mm ²

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Connection type	Socket - Plug	
Physical data		
Pin spacing	4.4 mm / 0.173 inch	
Total length	4 m	
Mechanical data		
Application	Control technology	
Coding	В	
Variable coding	No	

Application	Control technology
Coding	В
Variable coding	No
Marking	12345
Potential Marking	12345
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 5 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	gray	
Insulation material	Polyamide (PA66)	
Fire class per EN 50575	E _{ca}	

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Contact material	Copper or copper alloy; surface-treated
Fire load	0.606 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	676 g
Copper weight of the pipe	0.072 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	4055143246316
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

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

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Optional accessories

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Mounting accessories

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

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

Cover

Other



Item no.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

Downloads Documentation

Bid Text

891-8995/006-403 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8995/006-403 doc - Datei	2015 Jun 2	doc 25.6 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/006-403 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 4 m; 1,50 mm²; gray URL

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Installation Notes

Product family

WINSTA® MINI

Show all products from the family

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