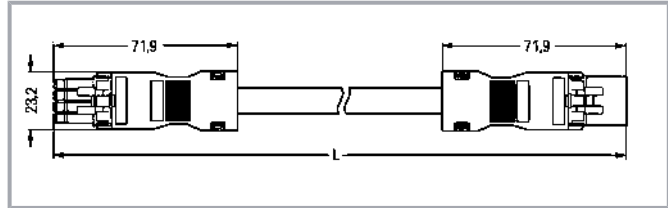


Data sheet | Item number: 891-8994/006-703

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B;
Control cable 4 x 1.5 mm²; 7 m; 1,50 mm²; gray

www.wago.com/891-8994_006-703



Item description

Cable assembly **WINSTA®** MINI with strain relief

The **WINSTA®** MINI cable assembly 4-pole supports fast, reliable installation. WAGO pluggable installation connectors are used when criteria repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for application control in the domains of automation, mechanical engineering and robotics. **WINSTA®** MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since due to LED technology, these offer much less space for the connection technology. According to the European CPR, the fire class of the cables used for construction is essential for building safety, too. For houses 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 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 therefore more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also reduce installation costs without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for use in automation of processes, such as lighting technology, among other examples
- ready to install and use immediately
- 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

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Data Notes

Note	Cables with a different fire class can be found in the eShop.
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Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .
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Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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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.
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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 mm ²
Connection type	Socket - Plug

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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 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	Socket - Plug
Type of pre-assembled cable	Interconnecting 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	gray
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.234 MJ

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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	780.5 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	4050821450559
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

Optional accessories

Cover

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

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Other

**Item no.: 897-2003**

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

www.wago.com/897-2003**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**

Item no.	Date	File name	Size	Download
891-8994/006-703	2019 Feb 19	X81 - Datei	3.0 kB	Download

891-8994/006-703	2015 Jun 2	doc - Datei	25.1 kB	Download
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Environmental Product Compliance**Compliance Search**

Item no.	Date	File name	Size	Download
891-8994/006-703	2015 Jun 2	doc - Datei	25.1 kB	Download

Installation Notes**Product family****WINSTA® MINI**[Show all products from the family](#)

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