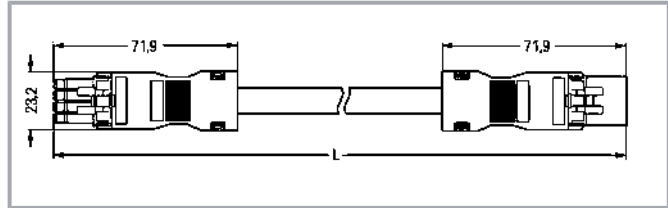


Data sheet | Item number: 891-8994/006-607

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B;
Control cable 4 x 1.5 mm²; 6 m; 1,50 mm²; pink



www.wago.com/891-8994_006-607



Item description

Cable assembly *WINSTA*® MINI B coding

The *WINSTA*® MINI cable assembly with protection type IP20 is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specific pattern, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are suitable for applications involving process control, such as for lighting or in data networks. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. This product meets all the relevant fire protection requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. 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.

- effective protection against mismatching
- consistent IP40 protection
- with B coding for controllers such as sun blinds and lighting fixtures
- flexible installation to save space
- convenient installation and commissioning

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.



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 m Ω 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) \triangleq 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 mm ²
Connection type	Socket - Plug

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

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	6 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	pink
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.158 MJ

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



Connector color	pink
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	671.5 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	4055143449274
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

891-8994/006-607 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/006-607 doc - Datei	2015 Jun 2	doc 25.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/006-607 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable 4 x 1.5 mm ² ; 6 m; 1,50 mm ² ; pink	URL	Download
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Installation Notes

Product family

WINSTA® MINI
[Show all products from the family](#)

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

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