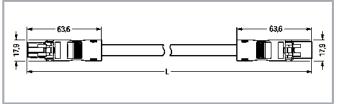
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 5 m; 1,50 mm²; light green



www.wago.com/891-8993_006-505





Item description

Cable assembly WINSTA® MINI B coding

The *WINSTA*® MINI cable assembly B coding supports rapid, correct installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in no time flat. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. B coding enables the *WINSTA*® MINI pluggable installation connectors to be used for control in applications in the domains of automation, robotics, and mechanical engineering. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. According to the European CPR, the fire class of the cables used in construction is decisive for building safety, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. 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 marking from WAGO.

- protection against mismating eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for controllers, for example sun blinds and lighting fixtures
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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)	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
Connection type	Socket - Plug

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	5 m

Mechanical data

Application	Control technology
Coding	В
Variable coding	No
Marking	123
Potential Marking	123
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

Information on material data can be found here	
light green	
Polyamide (PA66)	
E _{ca}	
Copper or copper alloy; surface-treated	
0.111 MJ	

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

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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	507.3 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	4050821675730
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

Mounting

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

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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

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Environmental Product Compliance

Compliance Search

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mm²; light green

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 5 m; 1,50

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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