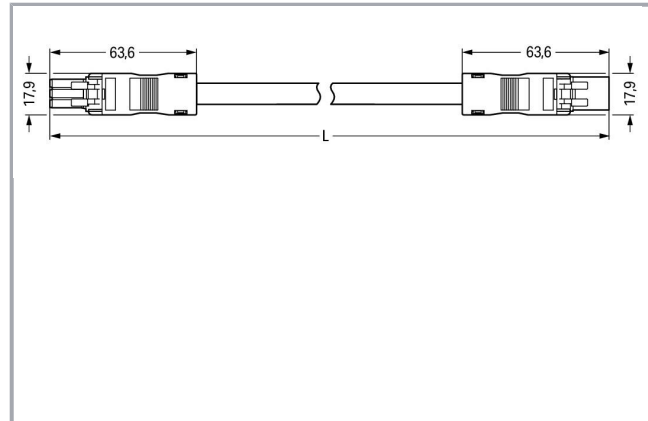
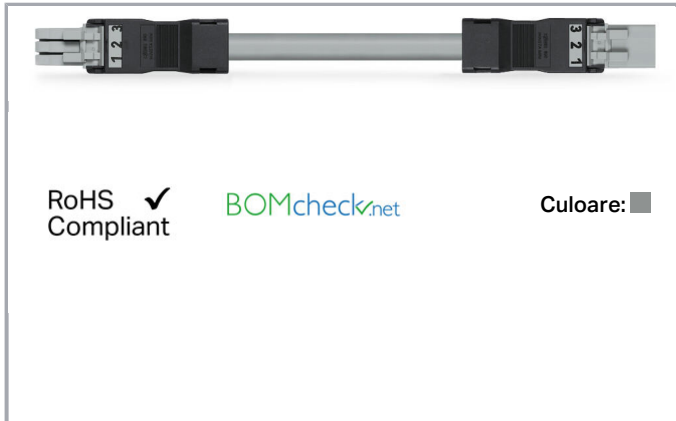


## Fișă tehnică | Număr articol: 891-8993/005-103

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. B; 1 m;  
1,00 mm<sup>2</sup>; gray



[www.wago.com/891-8993/005-103](http://www.wago.com/891-8993/005-103)



### Descriere articol

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

### Note:

Cables with a different fire class can be found in the eShop.

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

### Safety information 1:

Application note for the U.S. market (USR): 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.

### Date

### Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

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WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	10 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	14 A

### Connection data

Pole No.	3
Total number of potentials	3
Conductor preparation	tip-bonded
Sheathed cable diameter	6,3 ... 8 mm
Wire cross-section	1 mm <sup>2</sup>
Connection type	Socket - Plug

### Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	1 m

### Mechanical data

Coding	B
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 100, with resistive load $I_N = 16$ A, tested (1.5 mm <sup>2</sup> /16 AWG)
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	Control line 3 x 1

Supus modificărilor.



Marking	1 2 3
Protection type	IP20
Note on protection type	IP40 when mated
Potential marking	1 2 3

### Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable

### Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	1,632 MJ
Connector color	gray
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	gray
Printing color of sheathed cable	black
Sheath material	PVC
Weight	87,7 g

### 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












Packaging type	not packed
Country of origin	PL
GTIN	4050821622581
Customs tariff number	85444290900

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## Counterpart

	<p><b>Nr. articol</b>890-1661 h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; gray</p>	<a href="http://www.wago.com/890-1661">www.wago.com/890-1661</a>
	<p><b>Nr. articol</b>890-243 Socket; 3-pole; Cod. B; 1,50 mm<sup>2</sup>; gray</p>	<a href="http://www.wago.com/890-243">www.wago.com/890-243</a>
	<p><b>Nr. articol</b>890-1761 h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; gray</p>	<a href="http://www.wago.com/890-1761">www.wago.com/890-1761</a>
	<p><b>Nr. articol</b>890-253 Plug; 3-pole; 1,50 mm<sup>2</sup>; gray</p>	<a href="http://www.wago.com/890-253">www.wago.com/890-253</a>
	<p><b>Nr. articol</b>890-743 Snap-in socket; 3-pole; Cod. B; 1,50 mm<sup>2</sup>; gray</p>	<a href="http://www.wago.com/890-743">www.wago.com/890-743</a>
	<p><b>Nr. articol</b>890-753 Snap-in plug; 3-pole; Cod. B; 1,50 mm<sup>2</sup>; gray</p>	<a href="http://www.wago.com/890-753">www.wago.com/890-753</a>
	<p><b>Nr. articol</b>890-843 Socket for PCBs; straight; 3-pole; Cod. B</p>	<a href="http://www.wago.com/890-843">www.wago.com/890-843</a>
	<p><b>Nr. articol</b>890-843/011-000 Socket for PCBs; angled; 3-pole; Cod. B</p>	<a href="http://www.wago.com/890-843/011-000">www.wago.com/890-843/011-000</a>
	<p><b>Nr. articol</b>890-853 Plug for PCBs; straight; 3-pole; Cod. B</p>	<a href="http://www.wago.com/890-853">www.wago.com/890-853</a>
	<p><b>Nr. articol</b>890-853/011-000 Plug for PCBs; angled; 3-pole; Cod. B</p>	<a href="http://www.wago.com/890-853/011-000">www.wago.com/890-853/011-000</a>
	<p><b>Nr. articol</b>890-883/011-000 Socket for PCBs; angled; 3-pole; Cod. B</p>	<a href="http://www.wago.com/890-883/011-000">www.wago.com/890-883/011-000</a>

Supus modificărilor.



## Descărcări CAD/CAE-Data

### CAE data

WSCAD Universe 891-8993/005-103

URL

Descărcare

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## Installation Notes

## Familie de produse

*<i>WINSTA</i>® MINI special*

Afișare globală produse din familie.

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