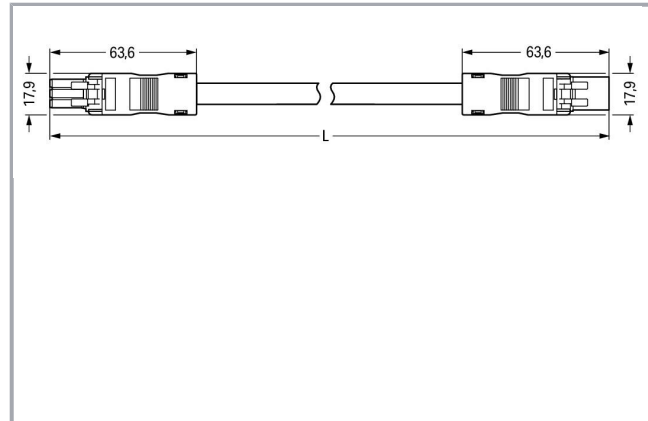
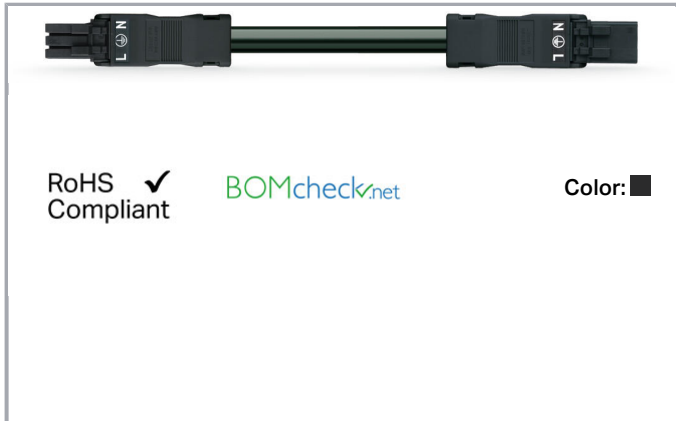


Data sheet | Item number: 891-8993/015-101

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A;
H05Z1Z1-F 3G 1.0 mm²; 1 m; 1,00 mm²; black



www.wago.com/891-8993/015-101



Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

Note:

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

Note on mismatching protection:

All WINSTA[®] 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.

Data

Electrical data

Note on Contact Resistance

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

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	14 A

Connection data

No. of poles	3
Total number of potentials	3
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Cable diameter	6,3 ... 8 mm
Cross section of single conductor	1 mm ²
Connection type	Socket - Plug

Geometrical Data

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

Mechanical data

Coding	A
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 (1.5mm ² /AWG 16)
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable

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



Type of cable	H05Z1Z1-F 3G1
Marking	L N
Protection class	IP20
Note on protection class	IP40 when mated
Potential marking	L N
Application	General mains applications

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	1.697 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	black
Printing color of sheathed cable	white
Halogen-free	Yes
Weight	85.2 g

Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service 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



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

GTIN	4055143397001
Customs Tariff No.	85444290900

Counterpart

Compatible products

assembling

	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

Locking lever

Item no.: 890-101 Locking lever; for manual operation; black	www.wago.com/890-101
Item no.: 890-111 Locking lever; for flying leads; for tool operation; black	www.wago.com/890-111
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

Downloads

CAD/CAE-Data

CAE data

WSCAD Universe 891-8993/015-101	URL	Download
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Installation Notes

Product family

<i>WINSTA</i>® MINI
[Show all products from the family](#)

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