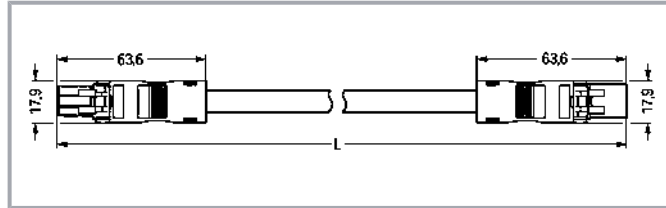


Data sheet | Item number: 891-8993/015-601

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A;
H05Z1Z1-F 3G 1.0 mm²; 6 m; 1,00 mm²; black



www.wago.com/891-8993_015-601



Item description

Cable assembly *WINSTA*® MINI A coding

The *WINSTA*® MINI cable assembly with protection against mismatching is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. Standard mains applications for almost any domain of use can be implemented with *WINSTA*® MINI pluggable installation connectors with A coding. *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 significantly less space for the connection technology. According to the European CPR, the fire class of the cables used in construction is decisive for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable. In the manufacturing of this cable assembly, we eliminated the use of halogen. That is an important contribution to environmental protection.

Fast, error-free assembly thanks to 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. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- effective protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for a large number of uses
- exact dimensions
- 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.

Electrical data

Note on contact resistance
approx. 1 mΩ of contact resistance
approx. 0.25 mΩ 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	10 A
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
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	3
Sheathed cable diameter	6.3 ... 8 mm
Wire cross-section	1 mm ²
Connection type	Socket - Plug

Physical data

Pin spacing
4.4 mm / 0.173 inch

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



Total length	6 m
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Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	L \perp N
Potential Marking	L \perp N
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	H05Z1Z1-F 3G1
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	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	179.328 MJ
Connector color	black
Printing color of mating face	white

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

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Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Sheath material	Halogen-free
Weight	451.1 g
Copper weight of the pipe	0.029 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	4055143397070
Customs tariff number VKOrg Germany	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL- 7823
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71- 112995

Required accessories

Locking levers

Locking system

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



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

Other



Item no.: 897-2001 Protective cap; Type1; for sockets and plugs; PVC; red	www.wago.com/897-2001
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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

891-8993/015-601 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/015-601 doc - Datei	2014 Nov 26	doc 24.6 kB	Download

CAD files

CAE data

WSCAD Universe 891-8993/015-601	URL	Download
WSCAD Universe 891-8993/015-601	URL	Download

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



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/015-601	URL	Download
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.0 mm ² ; 6 m; 1,00 mm ² ; black		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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