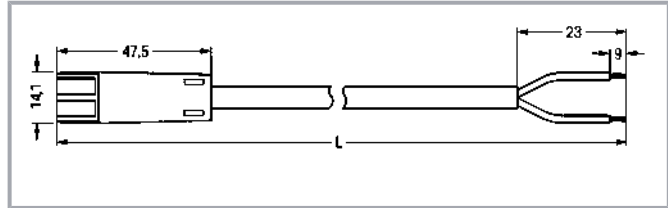
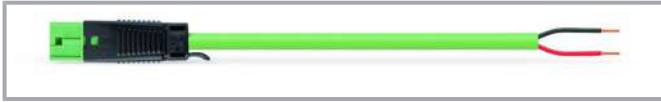


Data sheet | Item number: 894-8992/233-106

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y
(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992_233-106



Item description

Cable assembly **WINSTA®** KNX with protection type IP20

The **WINSTA®** KNX cable assembly rated current 3 A provides the foundation for installation of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in seconds. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector is protected in accordance with protection type IP20 (Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)). That results in the fact that users' fingers will never come into contact with energised contact elements. The harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. The standardised **WINSTA®** KNX pluggable installation connectors in green are used for signal transfer in KNX networks. According to the European CPR, the fire class of the cables used in construction is essential for building safety as well. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a plug and a free end. The **WINSTA®** Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Choose quality and durability – the **WINSTA®** KNX pluggable installation connector with fire class E from WAGO makes the installation of electrical components noticeably easier.

- products perfectly tailored to your requirements guarantee safe use
- for emergency power supply
- ready for immediate use
- rapid, structured electrical installation

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.
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Electrical data

Note on contact resistance	Approx. 3 mΩ contact resistance
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IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	50 V
Rated impulse voltage (III/3)	0.8 kV
Rated current	3 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of potentials	2
Conductor preparation	ultrasonically tip-bonded

Connection 1

Conductor diameter	0.8 mm
Strip length	9 mm / 0.35 inch
Number of poles	2
Strip length (outer insulation)	23 mm
Connection type	Plug - Free end

Physical data

Total length	1 m
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Mechanical data

technology	KNX
Application	KNX
Coding	E
Variable coding	No

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



Marking	1+ 2-
Potential Marking	1+ 2-
Mating force of a plug-in connection	approx. 10 ... 15 N
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	Unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Connection type	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	UNITRONIC BUS EIB 2x2x0.8
Protection type	IP20; Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)

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 of plug-in connection	locking lever

Material data

Note (material data)	Information on material data can be found here
Color	green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper alloy; surface-treated
Fire load	1.038 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	59.5 g
Copper weight of the pipe	0.021 kg/m

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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	4055143287661
Customs tariff number VKOrg Germany	85444290900

Other

technology	KNX
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Counterpart



Item no.893-2002
Snap-in socket; without locking lever; 2-pole; Cod. E; green

www.wago.com/893-2002



Item no.893-1002
Socket; with strain relief housing; 2-pole; Cod. E; green

www.wago.com/893-1002



Item no.893-122
Tap-off module; for flat cable; 2-pole; Cod. E; with cable connection on the output side; green

www.wago.com/893-122



Item no.893-1606
T-distribution connector; 2-pole; Cod. E; 1 input; 2 outputs; green

www.wago.com/893-1606



Item no.893-262
Tap-off module; for flat cable; 5 x 2.5 mm² + 2 x 1.5 mm²; 2-pole; Cod. E; green

www.wago.com/893-262

Downloads

Documentation

Bid Text

894-8992/233-106 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
894-8992/233-106 doc - Datei	2015 Jan 8	doc 25.6 kB	Download

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CAD files

CAE data

WSCAD Universe 894-8992/233-106	URL	Download
WSCAD Universe 894-8992/233-106	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 894-8992/233-106 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y(ST) Y...LG 2x2x0.8; 1 m; green	URL	Download
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Installation Notes

Product family

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

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

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