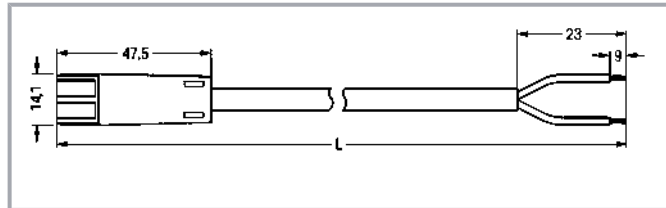
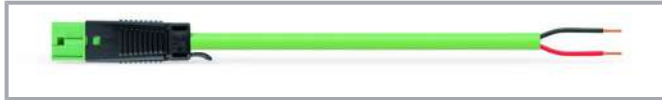


Data sheet | Item number: 894-8992/233-506

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y (ST)Y...LG 2x2x0.8; 5 m; green

www.wago.com/894-8992_233-506



Item description

Cable assembly *WINSTA*® KNX E coding

The *WINSTA*® KNX cable assembly with protection against mismatching supports fast, reliable installation. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects 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.)). The KNX standard is the ultimate benchmark in automation of buildings. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. *WINSTA*® KNX pluggable installation connectors with E coding are primarily used in KNX applications. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation costs without compromising safety and quality: The *WINSTA*® KNX pluggable installation connector with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- with E coding for supplying auxiliary power to I/O devices
- 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.
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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	5 m
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Mechanical data

technology	KNX
Application	KNX
Coding	E

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Variable coding	No
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	4.518 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	266 g

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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	4055143307017
Customs tariff number VKOrg Germany	85444290900

Other

technology	KNX
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Downloads

Documentation

Bid Text

894-8992/233-506 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
894-8992/233-506 doc - Datei	2015 Jan 8	doc 25.6 kB	Download

CAD files

CAE data

WSCAD Universe 894-8992/233-506	URL	Download
WSCAD Universe 894-8992/233-506	URL	Download

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



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 894-8992/233-506	URL	Download
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y(ST)		
Y...LG 2x2x0.8; 5 m; green		

Installation Notes

Product family

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

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