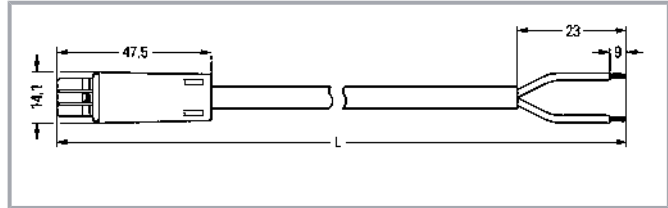
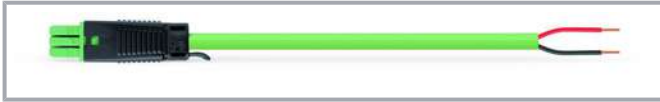


## Data sheet | Item number: 894-8992/133-106

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

[www.wago.com/894-8992\\_133-106](http://www.wago.com/894-8992_133-106)



### Item description

#### Cable assembly *WINSTA*® KNX 2-pole

The *WINSTA*® KNX cable assembly with protection type IP20 supports fast, reliable installation. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector offers touch-proof protection with live components 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 protocol allows different equipment within one building system to be linked. The standardised *WINSTA*® KNX pluggable installation connectors in green are used for signal transfer in KNX networks. This product meets all the relevant safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant.

#### Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. *WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® KNX pluggable installation connectors with marking from WAGO.

- saves time, since no wiring is required at the construction site
- for emergency power supply
- custom-engineered solutions
- 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](mailto:info.us@wago.com) | Web: [www.wago.us](http://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	Socket - Free end

## Physical data

Total length	1 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	Socket - 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 <sub>ca</sub>
Contact material	Copper alloy; surface-treated
Fire load	1.017 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	58.8 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	4055143306812
Customs tariff number VKOrg Germany	85444290900

## Other

technology	KNX
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## Counterpart



**Item no.893-2012**  
Snap-in plug; 2-pole; Cod. E; green

[www.wago.com/893-2012](http://www.wago.com/893-2012)



**Item no.893-1012**  
Plug; with strain relief housing; 2-pole; green

[www.wago.com/893-1012](http://www.wago.com/893-1012)



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

[www.wago.com/893-1606](http://www.wago.com/893-1606)

## Downloads

### Documentation

#### Bid Text

894-8992/133-106 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
894-8992/133-106 doc - Datei	2015 Jan 8	doc 25.6 kB	Download

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

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## CAD files

### CAE data

WSCAD Universe 894-8992/133-106	URL	Download
WSCAD Universe 894-8992/133-106	URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 894-8992/133-106 pre-assembled connecting cable; Eca; Socket/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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