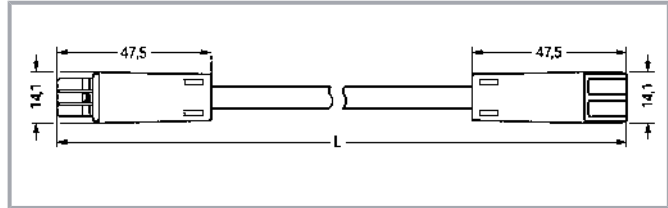
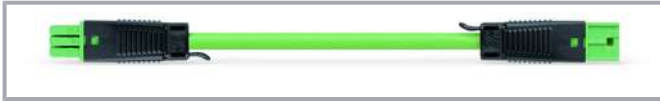


## Data sheet | Item number: 894-8992/033-506

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y  
(ST)Y...LG 2x2x0.8; 5 m; green

[www.wago.com/894-8992\\_033-506](http://www.wago.com/894-8992_033-506)



### Item description

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

The **WINSTA®** KNX cable assembly with protection against mismatching allows installation of fine-stranded and solid conductors. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of applications. 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 standard is the ultimate benchmark in building automation. It ensures error-free, manufacturer-independent networking of advanced building systems. A **WINSTA®** KNX pluggable installation connector with E coding, like all coded pluggable installation connectors, allows blind mating. E coding is often used for an auxiliary power supply, for example in I/O devices. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

#### Pluggable connections instead of screw connections – 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. 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 strain relief hosting from WAGO.

- saves time, since no wiring is required at the construction site
- with E coding for AC and DC applications
- exact dimensions
- 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](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
Number of poles	2
Connection type	Socket - Plug

## Physical data

Total length	5 m
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## Mechanical data

technology	KNX
Application	KNX
Coding	E
Variable coding	No
Marking	1+ 2-
Potential Marking	1+ 2-

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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 - Plug
Type of pre-assembled cable	Interconnecting 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	4.663 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	280.7 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	4055143306638
Customs tariff number VKOrg Germany	85444290900

## Other

technology	KNX
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## Downloads

### Documentation

#### Bid Text

894-8992/033-506 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
894-8992/033-506 doc - Datei	2015 Jan 8	doc 25.1 kB	Download

## CAD files

### CAE data

WSCAD Universe 894-8992/033-506	URL	Download
WSCAD Universe 894-8992/033-506	URL	Download

## Environmental Product Compliance

### Compliance Search

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Environmental Product Compliance 894-8992/033-506

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)Y...LG

2x2x0.8; 5 m; green

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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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