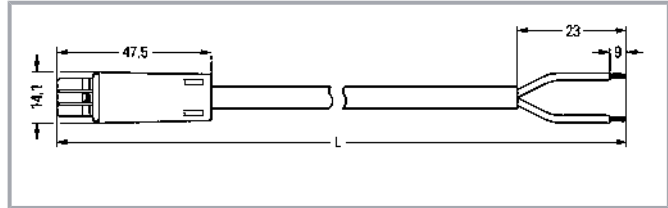
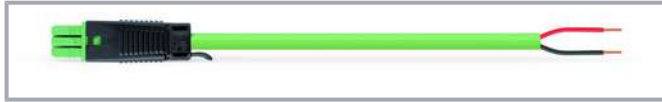


## Data sheet | Item number: 894-8992/123-306

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. E;  
J-Y(ST)Y...LG 2x2x0.8; 3 m; green

[www.wago.com/894-8992\\_123-306](http://www.wago.com/894-8992_123-306)



### Item description

#### Cable assembly *WINSTA*® KNX rated current 3 A

The *WINSTA*® KNX cable assembly 2-pole provides the foundation for assembly of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology work without screw connections. They allow resource-efficient, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. *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 for construction is essential for the safety of buildings, too. For houses with average safety requirements, cable assemblies with fire class E are suitable. Not using halogen additives in the production of this cable assembly noticeably improves fire safety and reduces environmental pollution.

#### Fast, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. 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 fire class E from WAGO.

- saves time, since no wiring is required at the construction site
- with E coding for AC and DC applications
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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.
------	---

## Electrical data

Note on contact resistance	Approx. 3 mΩ contact resistance
----------------------------	---------------------------------

## 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	3 m
--------------	-----

## Mechanical data

technology	KNX
Application	KNX
Coding	E
Variable coding	No

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.



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	2.757 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	Yes
Sheath material	Halogen-free
Weight	166.5 g
Copper weight of the pipe	0.021 kg/m

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.



## Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures $\leq 70$ °C (including halogen-free) Insulating parts for temperatures $\leq 105$ °C

## Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143306904
Customs tariff number VKOrg Germany	85444290900

## Other

technology	KNX
------------	-----

## Installation Notes

## Product family

WINSTA® KNX

[Show all products from the family](#)

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.