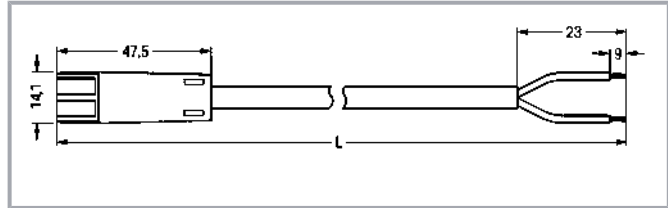
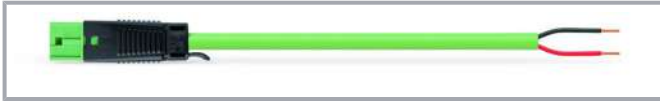


## Data sheet | Item number: 894-8992/223-506

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\\_223-506](http://www.wago.com/894-8992_223-506)



### Item description

#### Cable assembly *WINSTA*® KNX with strain relief

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® KNX cable assembly E coding. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in next to no time. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. 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.)). This means that users' fingers will never come into contact with electrified contact elements. The KNX standard is the ultimate benchmark in building automation. It guarantees 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. Components with E coding are primarily used for supplying auxiliary power, for example to I/O devices. This product meets all the relevant safety requirements of fire class E; thus it can be used in areas where fire safety is relevant. Not using halogen additives in the manufacture of this cable assembly noticeably improves fire safety and reduces environmental pollution.

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

The cable is pre-assembled with a plug and a free end. The *WINSTA*® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose quality and durability – the *WINSTA*® KNX pluggable installation connector with strain relief housing from WAGO makes the installation of electrical components substantially easier.

- saves time, since no wiring is required at the construction site
- for emergency power supply
- 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](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	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 <sub>ca</sub>
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	Yes
Sheath material	Halogen-free
Weight	275.2 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	4055143307055
Customs tariff number VKOrg Germany	8544429090

## Other

technology	KNX
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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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