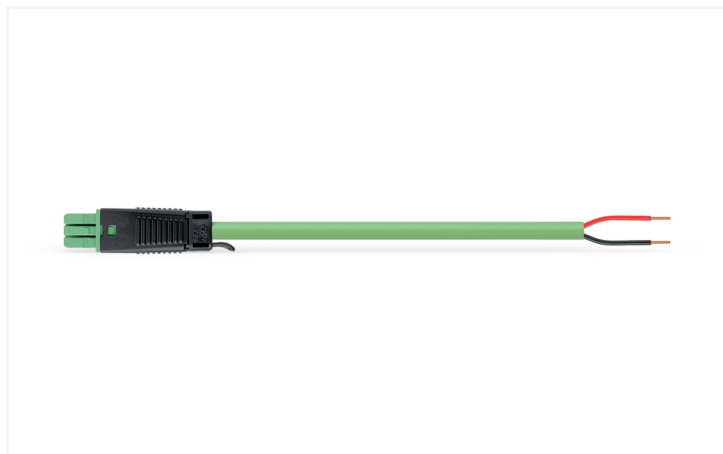


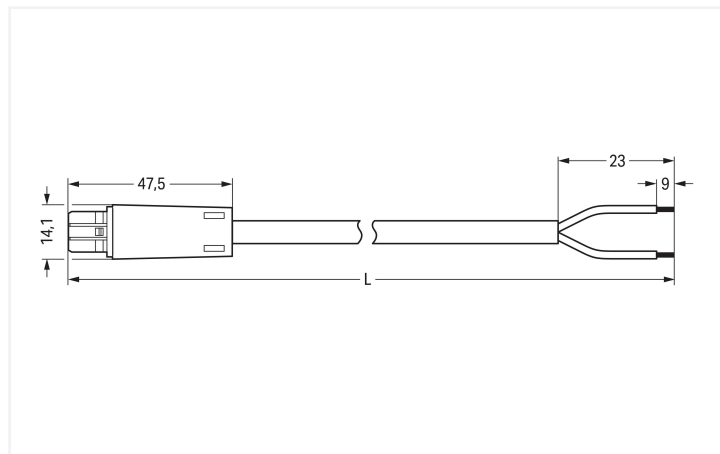
## Data Sheet | Item Number: 894-8392/173-1306

pre-assembled connecting cable; Cca; Socket/open-ended; 2-pole; Cod. E; Y-H(St)  
Hh 1x2x0,8; 13 m; green

<https://www.wago.com/894-8392/173-1306>



Color: ■ green



Dimensions in mm

### Cable assembly WINSTA® KNX 2-pole

The WINSTA® KNX cable assembly rated current 3 A is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in no time flat. For greater security in electrical installations, the pluggable installation connector is equipped 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. The standardised WINSTA® KNX pluggable installation connectors in green are used for signal transfer in KNX networks. If you need to satisfy stricter safety standards, you should use cables with fire class C. These are suitable for use in buildings with particularly high demands on safety. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Choose quality and durability – with protection type IP20 from WAGO makes the electrical installation of electrical components significantly easier.

- saves time, since no wiring is required at the construction site
- with E coding for AC and DC applications
- exact dimensions
- convenient installation and commissioning

### Notes

Note

Cables with a different fire class can be found in the eShop.

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	50 V
Rated impulse withstand voltage (III / 3)	0.8 kV
Rated current	3 A
Legend (ratings)	(III / 3) $\Delta$ Overvoltage category III / Pollution degree 3

### General information

Note on contact resistance	Approx. 3 m $\Omega$ contact resistance
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## Connection Data

Total number of potentials	2
Conductor preparation	stripped

### Connection 1

Conductor diameter	0.8 mm
Strip length	9 mm / 0.35 inches
Pole number	2
Strip length (outer insulation)	23 mm
Connection type	Socket - free end

## Physical data

Width	14.1 mm / 0.555 inches
Height	11.1 mm / 0.437 inches
Total length	13 m

## Mechanical data

Technology	KNX
Coding	E
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	Y-H(St)Hh 1x2x0.8
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

Mismatching protection	Yes
Note on mismatching protection	All <i>WINSTA</i> <sup>®</sup> components are 100% protected against mismatching when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	green
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	C <sub>ca</sub>
Contact material	Copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.15 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	511.8 g
Copper weight of the raw cable	0.01 kg/m

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

### Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4066966840292
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Environmental Product Compliance

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