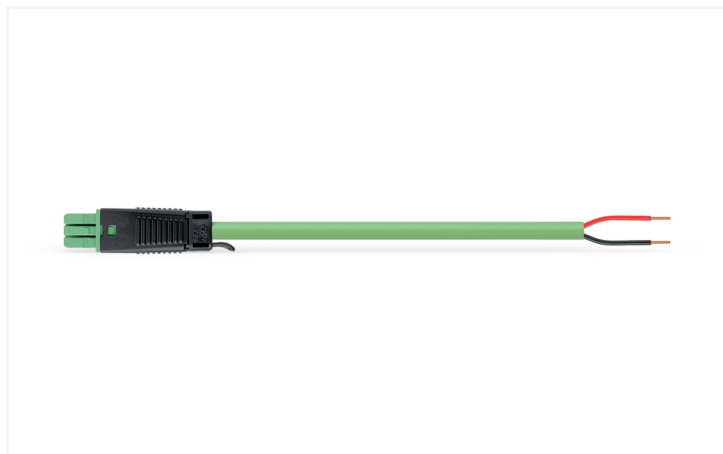


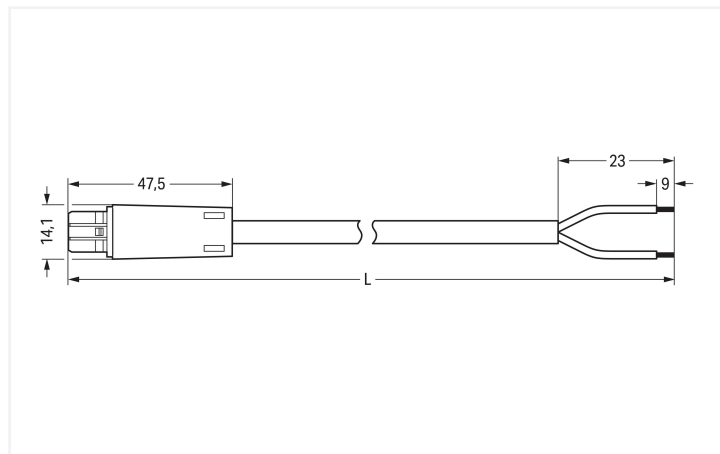
Data Sheet | Item Number: 894-8392/173-706

pre-assembled connecting cable; Cca; Socket/open-ended; 2-pole; Cod. E; Y-H(St)
Hh 1x2x0,8; 7 m; green

<https://www.wago.com/894-8392/173-706>



Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX E coding

The WINSTA® KNX cable assembly E coding is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 communicate. The standardised WINSTA® KNX pluggable installation connectors in green are employed for signal transfer in KNX networks. Anyone who needs to take into account technical safety requirements for fire protection reasons for electrical installation should be able to rely on the quality of the components. Our product meets the official safety standards of fire class C. The cable assembly is halogen-free. 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 ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also reduce installation expenses without compromising quality and safety: with marking eliminates the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- for emergency power supply
- flexible installation to save space
- fast, secure installation

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) Δ Overvoltage category III / Pollution degree 3

General information

Note on contact resistance	Approx. 3 m Ω contact resistance
----------------------------	---

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	7 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> [®] 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)	Information on material specifications can be found here
Color	green
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	C _{ca}
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	277.8 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	4066966840285
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
------------------------	-------------------------

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
894-8392/173-706

