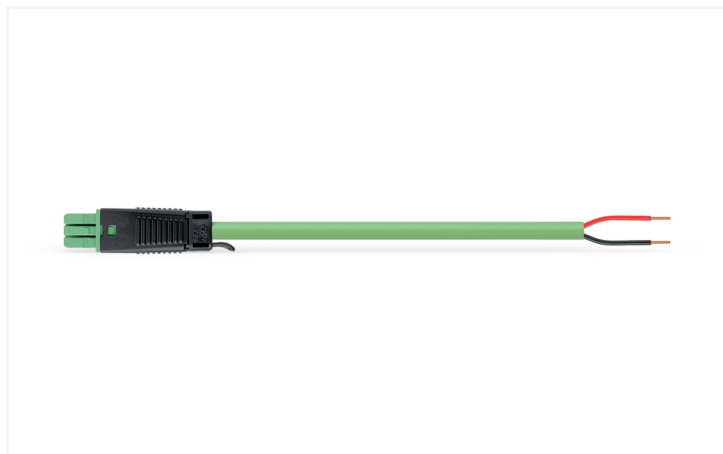


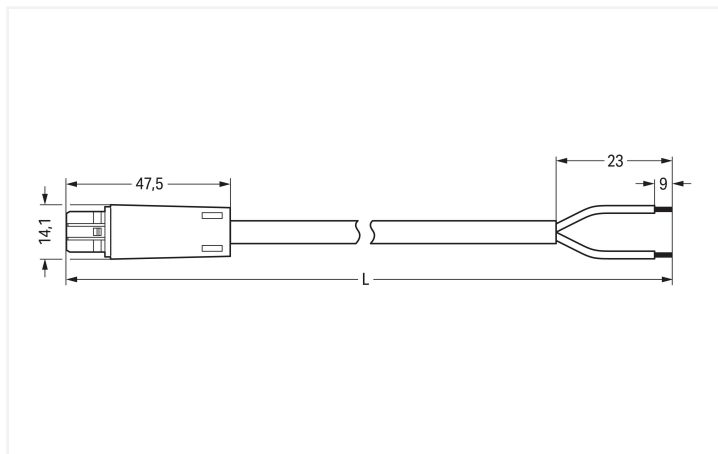
Data Sheet | Item Number: 894-8392/173-306

pre-assembled connecting cable; Cca; Socket/open-ended; 2-pole; Cod. E; Y-H(St)
Hh 1x2x0,8; 3 m; green

<https://www.wago.com/894-8392/173-306>



Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX with protection type IP20

The WINSTA® KNX cable assembly E coding provides the foundation for installation of fine-stranded and solid conductors. The pluggable installation connectors with spring pressure connection technology work without screw connections. They allow resource-efficient, error-free installation in numerous applications. For greater protection 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 standardised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. 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. Compliance with fire protection regulations is an important issue for building installation. Especially in sensitive areas, the fire class must meet or even exceed legal requirements. This product complies with the requirements of fire class C. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a free end are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also cut installation expenses without compromising quality and safety: with marking reduces the need for servicing and prevents unnecessary downtime.

- products perfectly tailored to your requirements guarantee safe use
- with E coding for AC and DC applications
- ready for immediate use
- convenient installation and commissioning

Notes

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

Electrical data

Ratings per	IEC/EN 60664-1			General information	
Overvoltage category	III	III	II	Note on contact resistance	Approx. 3 mΩ contact resistance
Pollution degree	3	2	2		
Nominal voltage	50 V	-	-		
Rated impulse withstand voltage	0.8 kV	-	-		
Rated current	3 A	-	-		

Connection Data

Total number of potentials	2	Connection 1	
Conductor preparation	stripped	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	3 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

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

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 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	121.8 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	4055143946520
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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