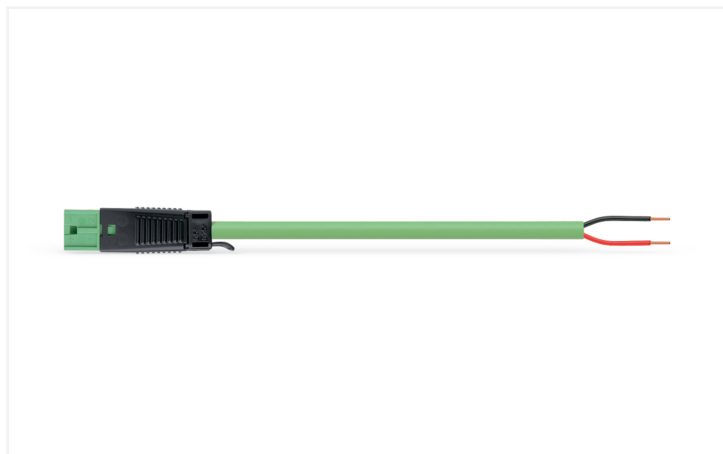


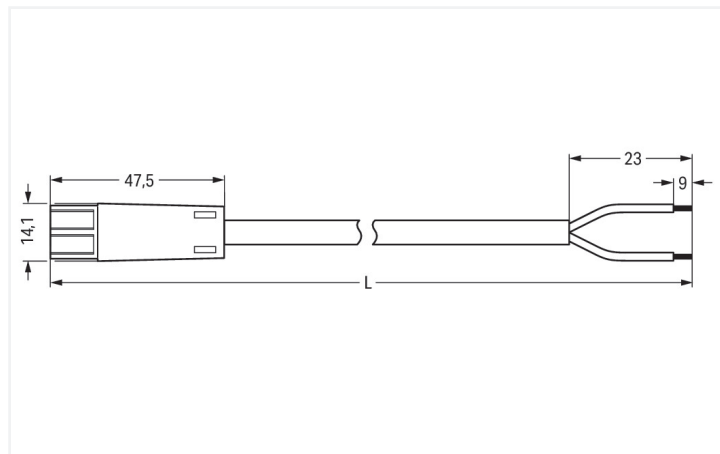
Data Sheet | Item Number: 894-8392/273-506

pre-assembled connecting cable; Cca; Plug/open-ended; 2-pole; Cod. E; Y-H(St)Hh
1x2x0,8; 5 m; green

<https://www.wago.com/894-8392/273-506>



Color: ■ green



Dimensions in mm

Cable assembly *WINSTA*® KNX with protection against mismatching

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® KNX cable assembly with protection type IP20. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers protection against contact 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. 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. If you need to satisfy stricter safety standards, you should use cables with fire class C. These are suitable for use in buildings with preferably high demands on safety. In the production of this cable assembly, we eliminated the use of halogen. That is an important contribution to environmental protection.

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

The cable assembly is equipped with a plug and a free end. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also cut installation costs without compromising safety and quality: with marking reduces the need for servicing and prevents unnecessary downtime.

- products perfectly tailored to your requirements guarantee safe use
- with E coding for supplying auxiliary power to I/O devices
- flexible installation to save space
- quick replacement of defective units during ongoing operation

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	Plug - free end

Physical data

Width	14.1 mm / 0.555 inches
Height	11.1 mm / 0.437 inches
Total length	5 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	Plug - 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	200.5 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	4055143946353
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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