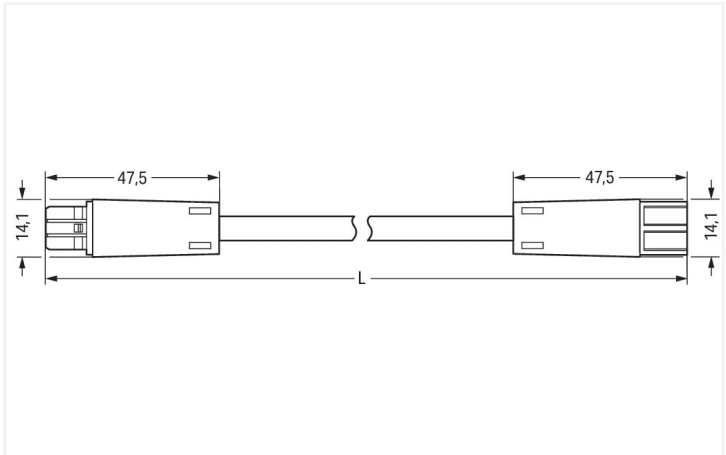




Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX rated current 3 A

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® KNX cable assembly with protection type IP20. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. 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 standardised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. WINSTA® KNX pluggable installation connectors with E coding are often used in KNX applications. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are provided. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- products perfectly tailored to your requirements guarantee safe use
- for emergency power supply
- ready for immediate use
- rapid, structured electrical installation

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

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



Connection data

Total number of potentials	2	Connection 1	
		Conductor diameter	0.8 mm
		Pole number	2
		Sheathed cable diameter	5 ... 7 mm
		Connection type	Socket - Plug

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	Socket - Plug
Type of pre-assembled cable	Interconnecting 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 <i>WINSTA</i> ® 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)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper alloy; surface-treated
Contact plating	Tin
Fire load	4.663 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No



Material data

Weight	280.7 g
Copper weight of the pipe	0.021 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

eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143306638
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 894-8992/033-506



Documentation

Bid Text			
894-8992/033-506	19.02.2019	xml 2.97 KB	<a href="#"></a>
894-8992/033-506	08.01.2015	doc 24.50 KB	<a href="#"></a>



CAD/CAE-Data	
CAE data	
WSCAD Universe 894-8992/033-506	