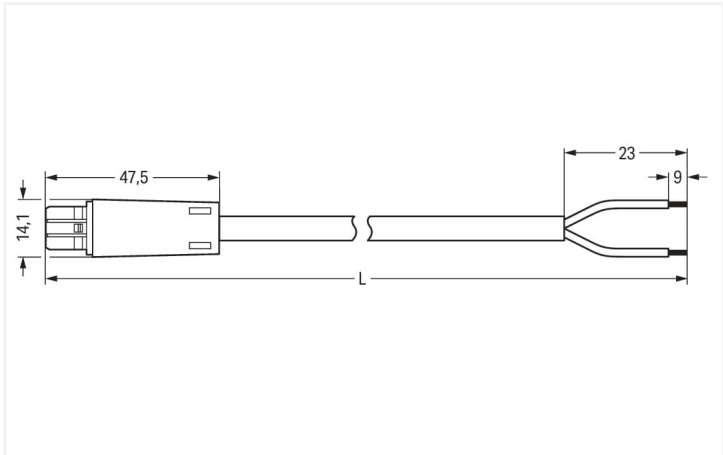




Color: ■ gray



Dimensions in mm

Cable assembly WINSTA® KNX with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® KNX cable assembly with protection type IP20. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in next to no time. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid objects 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 be linked. The grey WINSTA® KNX pluggable installation connectors in F coding support applications in the low-voltage range. This product meets all the fire protection requirements of fire class D; thus it can be used in areas where fire safety is relevant. Not using halogen additives in the production of this cable assembly substantially improves fire safety and reduces environmental contamination.

Fast, secure pluggable connections – cable assemblies from WAGO

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

- saves time, since no wiring is required at the construction site
- for high-power connections for supplying power
- exact dimensions
- fast, secure 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 preparation	stripped	Conductor diameter	0.8 mm
		Strip length	9 mm / 0.35 inches
		Pole number	2
		Sheathed cable diameter	5 ... 7 mm
		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	5 m

Mechanical data	
Technology	KNX
Coding	F
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	J-Y(ST)Y...LG 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	gray
Insulation material	Polyamide (PA66)
Fire class per EN 50575	D _{ca}
Contact material	Copper alloy; surface-treated
Contact plating	Tin
Fire load	0.15 MJ
Connector color	light gray
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes



Material data	
Sheath material	Halogen-free
Rubber cable	No
Weight	179.6 g
Copper weight of the pipe	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	
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	DE
GTIN	4055143536585
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 894-8992/123-507	

Documentation

Bid Text			
894-8992/123-507	19.02.2019	xml 3.00 KB	
894-8992/123-507	16.03.2015	doc 25.50 KB	