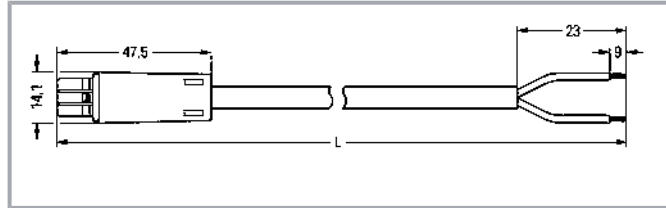


## Data sheet | Item number: 894-8992/123-507

pre-assembled connecting cable; Dca; Socket/open-ended; 2-pole; Cod. F;  
5 m; gray

[www.wago.com/894-8992\\_123-507](http://www.wago.com/894-8992_123-507)



### Item description

#### Cable assembly **WINSTA®** KNX with protection against mismating

For signal and power transmission: The **WINSTA®** KNX cable assembly rated current 3 A. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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 standard is the ultimate benchmark in automation of buildings. It guarantees error-free, manufacturer-independent networking of advanced building systems. **WINSTA®** KNX pluggable installation connectors with F coding safeguard connections with protection against mismating in the domain of power supply. This product meets all the safety requirements of fire class D; therefore it can be used in domains where fire safety is relevant. The cable assembly is free of halogen. 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

The cable assembly is provided with a socket and a free end. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with **WINSTA®** KNX pluggable installation connectors with protection type IP20 from WAGO.

- products perfectly tailored to your requirements guarantee safe use
- for high-power connections for supplying power
- flexible installation to save space
- quick replacement of defective units during ongoing operation

Subject to changes. Please also observe the further product documentation!

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data Notes

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

Note on contact resistance	Approx. 3 mΩ contact resistance
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## IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	50 V
Rated impulse voltage (III/3)	0.8 kV
Rated current	3 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

## Connection data

Total number of potentials	2
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Conductor diameter	0.8 mm
Strip length	9 mm / 0.35 inch
Number of poles	2
Strip length (outer insulation)	23 mm
Connection type	Socket - Free end

## Physical data

Total length	5 m
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## Mechanical data

technology	KNX
Application	KNX
Coding	F

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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
Locking of plug-in connection	locking lever

### Material data

Note (material data)	Information on material data can be found here
Color	gray
Insulation material	Polyamide (PA66)
Fire class per EN 50575	D <sub>ca</sub>
Contact material	Copper alloy; surface-treated
Connector color	light gray
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	Yes
Sheath material	Halogen-free
Weight	179.7 g
Copper weight of the pipe	0.01 kg/m

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## Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

## Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	DE
GTIN	4055143536585
Customs tariff number VKOrg Germany	85444290900

## Other

technology	KNX
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## Downloads

### Documentation

#### Bid Text

894-8992/123-507	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
894-8992/123-507	2015 Mar 16	doc	Download
doc - Datei		26.1 kB	

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 894-8992/123-507	URL	Download
pre-assembled connecting cable; Dca; Socket/open-ended; 2-pole; Cod. F; 5 m; gray		

## Installation Notes

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## Product family

WINSTA® KNX

[Show all products from the family](#)

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