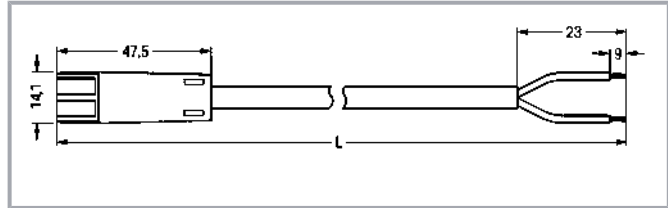


Data sheet | Item number: 894-8992/223-507

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

www.wago.com/894-8992_223-507



Item description

Cable assembly *WINSTA*® KNX 2-pole

For signal and power transmission: The *WINSTA*® KNX cable assembly F coding. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow flexible, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, maintenance-free 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 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. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The safety requirements in connection with EU CPR are fully satisfied by this product through fire class D. In the production of this cable assembly, halogens were deliberately omitted. That is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers 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 *WINSTA*® KNX pluggable installation connectors with protection against mismating from WAGO.

- products perfectly tailored to your requirements guarantee safe use
- with F coding for the use in supplying power
- ready to install and use immediately
- 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 | Web: 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	Plug - Free end

Physical data

Total length	5 m
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Mechanical data

technology	KNX
Application	KNX
Coding	F
Variable coding	No

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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	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 _{ca}
Contact material	Copper alloy; surface-treated
Fire load	5.417 MJ
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	180.3 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	PL
GTIN	4045454961398
Customs tariff number VKOrg Germany	8544429090

Other

technology	KNX
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Downloads

Documentation

Bid Text

894-8992/223-507	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
894-8992/223-507	2015 Mar 16	doc	Download
doc - Datei		26.1 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 894-8992/223-507	URL	Download
pre-assembled connecting cable; Dca; Plug/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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