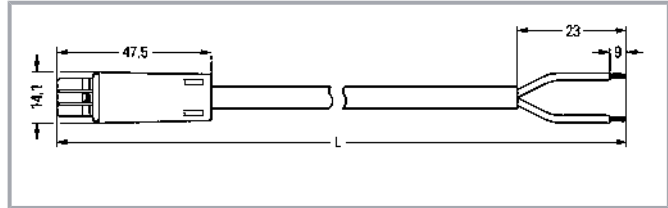


Data sheet | Item number: 894-8992/123-107

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

www.wago.com/894-8992_123-107



Item description

Cable assembly *WINSTA*® KNX F coding

The *WINSTA*® KNX cable assembly 2-pole provides the foundation for assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. 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 building automation. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. *WINSTA*® KNX pluggable installation connectors with F coding safeguard connections with protection against mismating related to power supply. According to the European CPR, the fire class of the cables used for construction is decisive for building safety, too. For houses with safety requirements, cable assemblies with fire class D are suitable. Not using halogen additives in the manufacture of this cable assembly noticeably improves fire safety and reduces environmental contamination.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. *WINSTA*® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® KNX pluggable installation connectors with fire class D from WAGO.

- saves time, since no wiring is required at the construction site
- with F coding for the use in supplying power
- ready to install and use immediately
- rapid, structured electrical installation

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	Socket - Free end

Physical data

Total length	1 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	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 _{ca}
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	39.6 g
Copper weight of the pipe	0.01 kg/m

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



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	4055143536578
Customs tariff number VKOrg Germany	85444290900

Other

technology	KNX
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Counterpart



Item no.893-2032
Snap-in plug; 2-pole; Cod. F; light gray

www.wago.com/893-2032



Item no.893-1032
Plug; with strain relief housing; 2-pole; light gray

www.wago.com/893-1032



Item no.893-1656
T-distribution connector; 2-pole; 1 input; 2 outputs; light gray

www.wago.com/893-1656

Downloads

Documentation

Bid Text

894-8992/123-107 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
894-8992/123-107 doc - Datei	2015 Mar 16	doc 26.1 kB	Download

Environmental Product Compliance

Compliance Search

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Environmental Product Compliance 894-8992/123-107

pre-assembled connecting cable; Dca; Socket/open-ended; 2-pole; Cod. F; 1 m; gray

Installation Notes

Product family

WINSTA® KNX

[Show all products from the family](#)

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