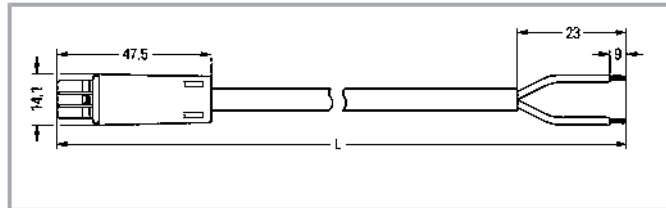


Data sheet | Item number: 894-8992/123-307

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

www.wago.com/894-8992_123-307



Item description

Cable assembly *WINSTA*® KNX with strain relief

For signal and power transmission: The *WINSTA*® KNX cable assembly 2-pole. WAGO pluggable installation connectors are used when criteria repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector offers touch-proof protection 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 standard is the ultimate benchmark in automation of buildings. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. *WINSTA*® KNX pluggable installation connectors with F coding protect connections with protection against mismating related to supplying power. According to the European CPR, the fire class of the cables used for construction is essential for building safety as well. For buildings with safety requirements, cable assemblies with fire class D are suitable. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

Fast, error-free assembly thanks to cable assemblies from WAGO

A socket and a free end are provided. The *WINSTA*® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also reduce installation expenses without compromising quality and safety: The *WINSTA*® KNX pluggable installation connector with strain relief housing eliminates the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- with F coding for the use in 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
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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	3 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 _{ca}
Contact material	Copper alloy; surface-treated
Fire load	3.296 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	109.7 g

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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	4050821281566
Customs tariff number VKOrg Germany	8544429090

Other

technology	KNX
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Downloads

Documentation

Bid Text

894-8992/123-307 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
894-8992/123-307 doc - Datei	2015 Mar 16	doc 26.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 894-8992/123-307 pre-assembled connecting cable; Dca; Socket/open-ended; 2-pole; Cod. F; 3 m; gray	URL	Download
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Installation Notes

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Product family

WINSTA® KNX

[Show all products from the family](#)

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