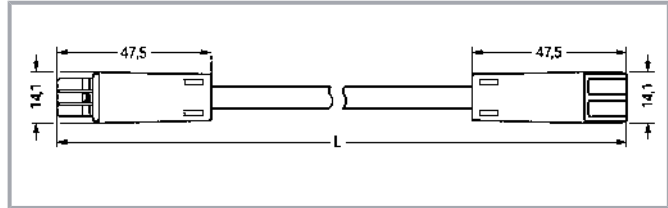


Data sheet | Item number: 894-8992/023-107

pre-assembled interconnecting cable; Dca; Socket/plug; 2-pole; Cod. F; 1 m;
gray



www.wago.com/894-8992_023-107



Item description

Cable assembly **WINSTA®** KNX F coding

The **WINSTA®** KNX cable assembly 2-pole allows installation of fine-stranded and solid conductors. Whether 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 no time flat. 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. **WINSTA®** KNX pluggable installation connectors with F coding protect connections with protection against mismating related to power supplies. According to the European CPR, the fire class of the cables used in construction is decisive for building safety as well. For buildings with safety requirements, cable assemblies with fire class D are suitable. Eliminating halogens as an additive in the production of this cable assembly substantially improves fire safety and reduces environmental pollution.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. **WINSTA®** is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the **WINSTA®** KNX pluggable installation connector with fire class D from WAGO makes the installation of electrical components visibly easier.

- saves time, since no wiring is required at the construction site
- with F coding for connections with protection against mismating 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 | 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
Number of poles	2
Connection type	Socket - Plug

Physical data

Total length	1 m
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Mechanical data

technology	KNX
Application	KNX
Coding	F
Variable coding	No
Marking	1÷ 2-
Potential Marking	1÷ 2-

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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 - Plug
Type of pre-assembled cable	Interconnecting 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	1.362 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	45 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	4050821473466
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.893-2022 Snap-in socket; without locking lever; 2-pole; Cod. F; light gray	www.wago.com/893-2022
	Item no.893-1022 Socket; with strain relief housing; 2-pole; Cod. F; light gray	www.wago.com/893-1022
	Item no.893-1656 T-distribution connector; 2-pole; 1 input; 2 outputs; light gray	www.wago.com/893-1656
	Item no.893-1032 Plug; with strain relief housing; 2-pole; light gray	www.wago.com/893-1032

Downloads

Documentation

Bid Text

894-8992/023-107	2019 Feb 19	xml	Download
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Environmental Product Compliance

Compliance Search

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pre-assembled interconnecting cable; Dca; Socket/plug; 2-pole; Cod. F; 1 m; gray

Installation Notes

Product family

WINSTA® KNX

[Show all products from the family](#)

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