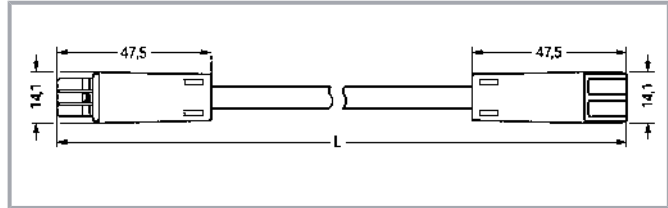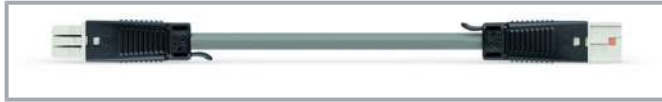# Data sheet | Item number: 894-8992/023-307

pre-assembled interconnecting cable; Dca; Socket/plug; 2-pole; Cod. F; 3 m; gray

www.wago.com/894-8992_023-307

Item description

Cable assembly *WINSTA*® KNX 2-pole

The *WINSTA*® KNX cable assembly with protection against mismating supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected 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.)). This means that users' fingers will never come into contact with electrified elements. 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 safeguard connections with protection against mismating related to supplying power. This product meets all the safety requirements of fire class D; therefore it can be used in domains where fire safety is relevant. Not using halogen additives in the manufacture of this cable assembly significantly improves fire safety and reduces environmental pollution.

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

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising quality and safety: The *WINSTA*® KNX pluggable installation connector with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- products perfectly tailored to your requirements guarantee safe use
- with F coding for the use in supplying power
- ready to install and use immediately
- fast, secure installation

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

Data

Notes

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

Electrical data

Note on contact resistance	Approx. 3 mΩ contact resistance

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	3 m

Mechanical data

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

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

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	3.462 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	115 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	PL
GTIN	4050821468226
Customs tariff number VKOrg Germany	8544429090

Other

technology	KNX

Downloads
Documentation

Bid Text

894-8992/023-307 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
894-8992/023-307 doc - Datei	2015 Mar 16	doc 25.6 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 894-8992/023-307 pre-assembled interconnecting cable; Dca; Socket/plug; 2-pole; Cod. F; 3 m; gray	URL	Download

Installation Notes

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

Product family

WINSTA® KNX
Show all products from the family

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