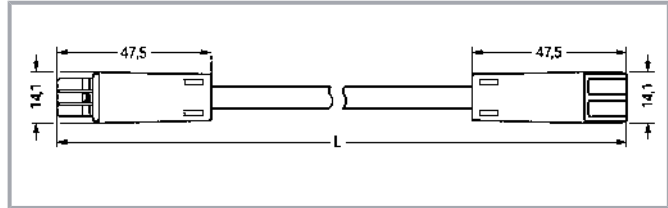
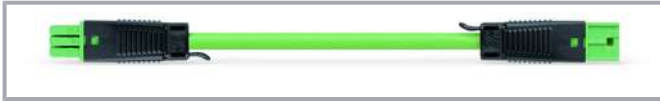


Data sheet | Item number: 894-8992/033-306

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y (ST)Y...LG 2x2x0.8; 3 m; green

www.wago.com/894-8992_033-306



Item description

Cable assembly *WINSTA*® KNX with protection against mismating

For signal and power transmission: The *WINSTA*® KNX cable assembly E coding. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge 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 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 energised contact elements. The KNX protocol allows different equipment within one building system to communicate. A *WINSTA*® KNX pluggable installation connector with E coding, like all coded pluggable installation connectors, allows blind mating. Components with E coding are primarily used for supplying auxiliary power, for example to I/O devices. According to the European CPR, the fire class of the cables used in construction is essential for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

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

The cable is pre-assembled with a socket and a plug. The *WINSTA*® Pluggable Connection System is ideally tailored to the 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 installation errors at the construction site. 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 protection type IP20 from WAGO.

- saves time, since no wiring is required at the construction site
- with E coding for supplying auxiliary power to I/O devices
- custom-engineered solutions
- 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
Number of poles	2
Connection type	Socket - Plug

Physical data

Total length	3 m
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Mechanical data

technology	KNX
Application	KNX
Coding	E
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	UNITRONIC BUS EIB 2x2x0.8
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	green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper alloy; surface-treated
Fire load	2.923 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	172.2 g
Copper weight of the pipe	0.021 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	4055143306652
Customs tariff number VKOrg Germany	85444290900

Other

technology	KNX
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Downloads

Documentation

Bid Text

894-8992/033-306 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
894-8992/033-306 doc - Datei	2015 Jan 8	doc 25.1 kB	Download

CAD files

CAE data

WSCAD Universe 894-8992/033-306	URL	Download
WSCAD Universe 894-8992/033-306	URL	Download

Environmental Product Compliance

Compliance Search

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Environmental Product Compliance 894-8992/033-306

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)Y...LG
2x2x0.8; 3 m; green

Installation Notes

Product family

WINSTA® KNX

[Show all products from the family](#)

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