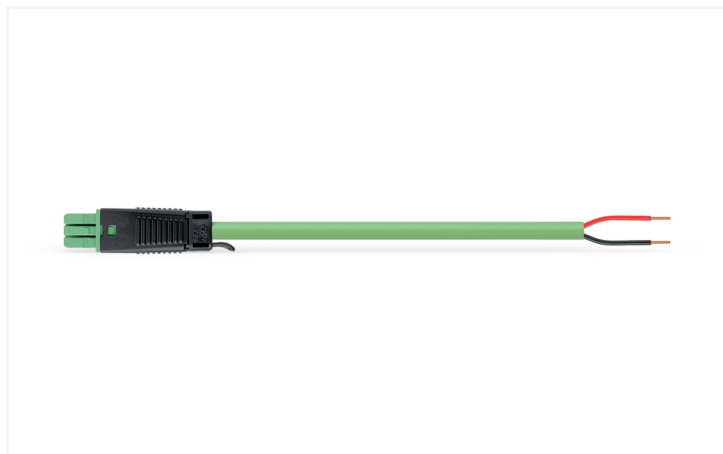


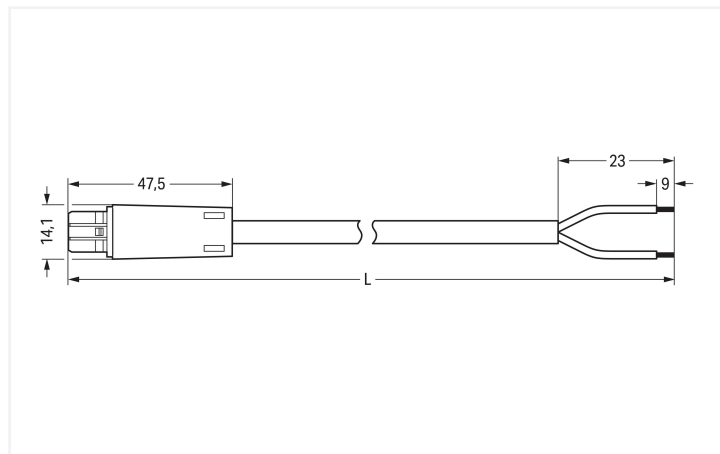
Data Sheet | Item Number: 894-8992/133-106

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. E; J-Y(ST)
Y..LG 2x2x0.8; 1 m; green

<https://www.wago.com/894-8992/133-106>



Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX with strain relief

The WINSTA® KNX cable assembly with protection against mismatching allows assembly of solid and fine-stranded conductors. 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 color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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 automation of buildings. It guarantees error-free, manufacturer-independent networking of advanced building systems. WINSTA® KNX pluggable installation connectors with E coding are often used in KNX applications. According to the European CPR, the fire class of the cables used for construction is essential for the safety of buildings as well. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Use of this pre-assembled system decreases 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 with protection against mismatching from WAGO.

- products perfectly tailored to your requirements guarantee safe use
- with E coding for AC and DC applications
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

Notes

Note

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

Electrical data

| Ratings per | IEC/EN 60664-1 | | | General information | |
|---------------------------------|----------------|-----|----|----------------------------|---------------------------------|
| Overvoltage category | III | III | II | Note on contact resistance | Approx. 3 mΩ contact resistance |
| Pollution degree | 3 | 2 | 2 | | |
| Nominal voltage | 50 V | - | - | | |
| Rated impulse withstand voltage | 0.8 kV | - | - | | |
| Rated current | 3 A | - | - | | |

Connection Data

| | | | |
|----------------------------|----------|---------------------------------|--------------------|
| Total number of potentials | 2 | Connection 1 | |
| Conductor preparation | stripped | Conductor diameter | 0.8 mm |
| | | Strip length | 9 mm / 0.35 inches |
| | | Pole number | 2 |
| | | Strip length (outer insulation) | 23 mm |
| | | Connection type | Socket - free end |

Physical data

| | |
|--------------|------------------------|
| Width | 14.1 mm / 0.555 inches |
| Height | 11.1 mm / 0.437 inches |
| Total length | 1 m |

Mechanical data

| | |
|---|--|
| Technology | KNX |
| Coding | E |
| 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 | 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 |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | green |
| Insulation material (main housing) | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 30.03 MJ |
| Connector color | green |
| Strain relief color | black |
| Sheathed cable color | green |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 58.8 g |
| Copper weight of the raw cable | 0.025 kg/m |

Environmental requirements

| | |
|--|---|
| Processing temperature | -5 ... +40 °C |
| Continuous operating temperature | -35 ... +85 °C |
| Note on continuous operating temperature | Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | PL |
| GTIN | 4055143306812 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 9.0 | EC002587 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Downloads

Environmental Product Compliance



Compliance Search

Environmental Product
Compliance
894-8992/133-106



Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|---|
| 894-8992/133-106 | 19.02.2019 | xml 2.97 KB |  |
| 894-8992/133-106 | 08.01.2015 | doc 25.00 KB |  |

CAD/CAE-Data

CAE data

WSCAD Universe
894-8992/133-106

