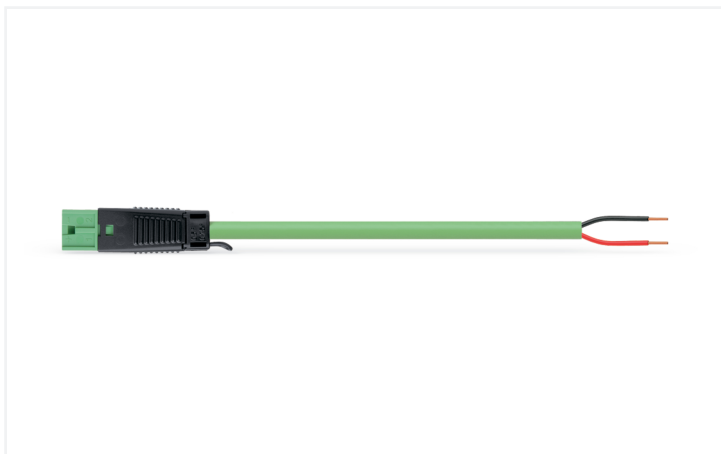


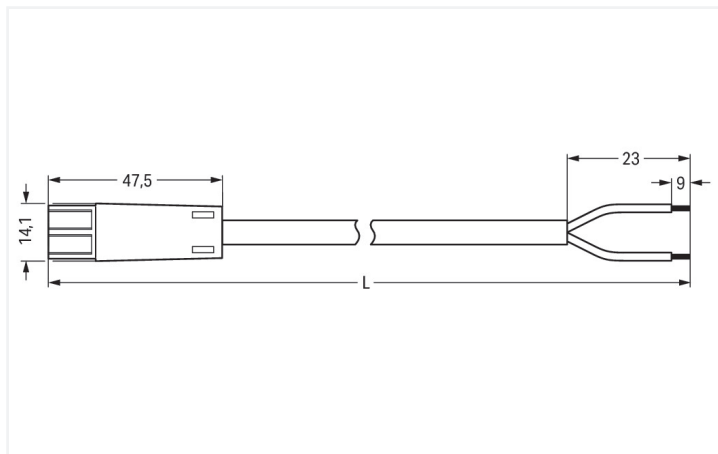
Data Sheet | Item Number: 894-8992/233-506

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y(ST)
Y..LG 2x2x0.8; 5 m; green

<https://www.wago.com/894-8992/233-506>



Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX 2-pole

The WINSTA® KNX cable assembly with protection against mismatching allows assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 building automation. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. 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 for construction is critical for building safety as well. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are provided. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- products perfectly tailored to your requirements guarantee safe use
- with E coding for AC and DC applications
- ready to install and use immediately
- fast, secure installation

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 | Plug - free end |

Physical data

| | |
|--------------|------------------------|
| Width | 14.1 mm / 0.555 inches |
| Height | 11.1 mm / 0.437 inches |
| Total length | 5 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 | Plug - 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 | 4.518 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 | 266 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 | 4055143307017 |
| 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
894-8992/233-506



Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|---|
| 894-8992/233-506 | 08.01.2015 | doc 25.00 KB |  |
| 894-8992/233-506 | 19.02.2019 | xml 2.97 KB |  |

CAD/CAE-Data

CAE data

WSCAD Universe
894-8992/233-506

