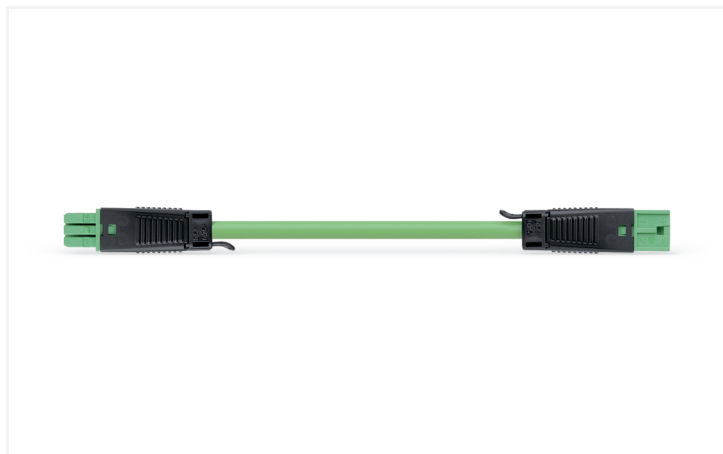


Data Sheet | Item Number: 894-8992/033-306

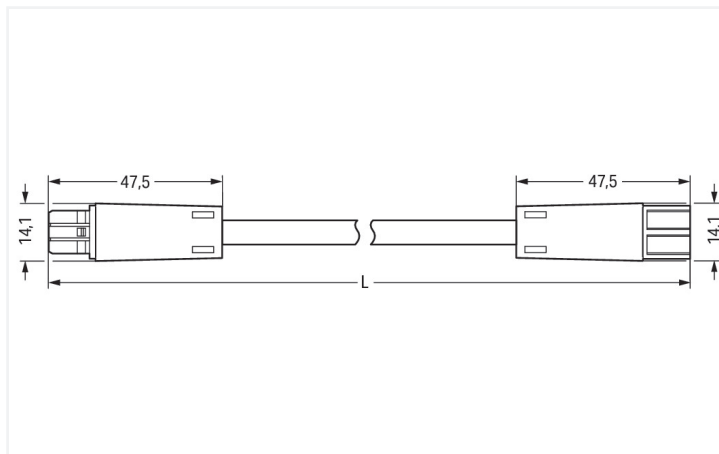
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)

Y..LG 2x2x0.8; 3 m; green

<https://www.wago.com/894-8992/033-306>



Color: ■ green



Dimensions in mm

Cable assembly WINSTA® KNX with strain relief

The WINSTA® KNX cable assembly 2-pole supports rapid, correct installation. WAGO pluggable installation connectors can be used when requirements repeat or are planned on a defined grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color 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 protocol allows different equipment within one building system to communicate. The standardised WINSTA® KNX pluggable installation connectors in green are used for signal transfer in KNX networks. 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 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. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Now you can also cut installation costs without compromising safety and quality: with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- with E coding for AC and DC applications
- exact dimensions
- 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 | | |
|---------------------------------|----------------|-----|----|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 50 V | - | - |
| Rated impulse withstand voltage | 0.8 kV | - | - |
| Rated current | 3 A | - | - |

General information

Note on contact resistance Approx. 3 mΩ contact resistance

Connection Data

| | | | |
|----------------------------|---|---------------------|---------------|
| Total number of potentials | 2 | Connection 1 | |
| | | Conductor diameter | 0.8 mm |
| | | Pole number | 2 |
| | | Connection type | Socket - Plug |

Physical data

| | |
|--------------|------------------------|
| Width | 14.1 mm / 0.555 inches |
| Height | 11.1 mm / 0.437 inches |
| Total length | 3 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 - 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 <i>WINSTA</i> ® 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 | 2.923 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 | 172.2 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 | 4055143306652 |
| Customs tariff number | 85444290900 |

| Product Classification | |
|------------------------|----------------------|
| UNSPSC | 26121604 |
| 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 894-8992/033-306 | ↓ |

Documentation

| Bid Text | | | |
|------------------|------------|-----------------|-------------------|
| 894-8992/033-306 | 19.02.2019 | xml 2.97 KB | ↓ |
| 894-8992/033-306 | 08.01.2015 | doc 24.50 KB | ↓ |

CAD/CAE-Data

CAE data

WSCAD Universe
894-8992/033-306

