

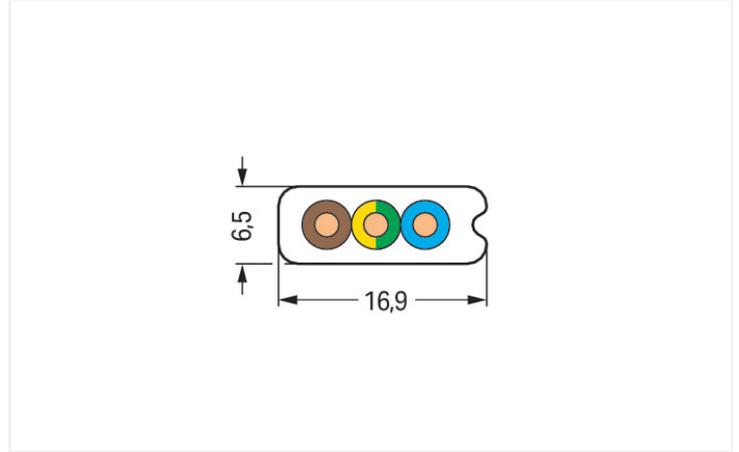
Data Sheet | Item Number: 897-231

Flat cable; Eca; 3G 2.5 mm²; PVC; L + PE + N; 0.6/1 kV; 2,50 mm²; light gray

<https://www.wago.com/897-231>



Color: ■ light gray



Dimensions in mm

Flat cable WINSTA® IDC 3-pole

Put your trust in reliable sustainability for the installation for the implementation of your project: The flat cable from the WINSTA® IDC product line. An extensive range of accessories rounds out the WINSTA® product line from WAGO. This product meets all the mandatory fire protection requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – with fire class E from WAGO makes the installation of electrical components significantly easier.

- saves time, since no wiring is required at the construction site
- rapid, structured electrical installation

Notes

General safety information

NOTICE: Observe installation and safety instructions!

- Nur von Elektrofachkraft oder einer für die Tätigkeit elektrisch unterwiesenen Person (EUP nach DIN VDE 0105-100) anzuwenden!
- Nicht unter Spannung/Last installieren!
- Nur für bestimmungsgemäßen Gebrauch einsetzen!
- Nationale Vorschriften/Normen/Richtlinien beachten!
- Technische Daten der Produkte beachten!
- Auf die richtige Polbelegung achten!
- Keine beschädigten/verschmutzten Komponenten verwenden!
- Leiterarten, -querschnitte, Abisolierlängen und Leitungsdurchmesser beachten!
- Leiter bis zum Anschlag einführen!
- Nur mit Verriegelungsklinke und Zugentlastung verwenden!
- Originalzubehör verwenden!

To be sold only with installation instructions!

Electrical data

Ratings per IEC/EN

| | |
|------------------|--|
| Rated Voltage | 0.6 / 1 kV |
| Legend (ratings) | (III / 3) Δ Overvoltage category III / Pollution degree 3 |

Connection Data

Connection 1

| | |
|--------------------|---------------------|
| Pole number | 3 |
| Wire cross-section | 2.5 mm ² |

Physical data

| | |
|--------|-----------------------|
| Width | 16.9 mm / 0.66 inches |
| Height | 6.5 mm / 0.26 inches |

Mechanical data

| | |
|-----------------|----|
| Variable coding | No |
|-----------------|----|

Plug-in connection

| | |
|----------------------|----|
| Mismating protection | No |
|----------------------|----|

Material data

| | |
|--------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | light gray |
| Fire class per EN 50575 | E _{ca} |
| Fire load | 2.099 MJ |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 160 g |
| Copper weight of the raw cable | 0.072 kg/m |

Environmental requirements

| | |
|--|---|
| Processing temperature | 5 ... 40 °C |
| Continuous operating temperature | -25 ... +70 °C |
| Note on continuous operating temperature | Insulating parts for temperatures \leq 105 °C |

Commercial data

| | |
|-----------------------|---------------|
| Product Group | 20 (Winsta) |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | CH |
| GTIN | 4045454004170 |
| Customs tariff number | 85444995900 |

| Product Classification | |
|------------------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-06-01-06 |
| eCl@ss 9.0 | 27-06-20-02 |
| ETIM 9.0 | EC003250 |
| ETIM 10.0 | EC003250 |
| ECCN | NO US CLASSIFICATION |

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

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|-------------------|
| Environmental Product Compliance 897-231 | ↓ |

Documentation

| Additional Information | | |
|------------------------|-----------|-------------------|
| | pdf | ↓ |
| | 518.02 KB | |

| Bid Text | | | |
|----------|------------|----------|-------------------|
| 897-231 | 19.02.2019 | xml | ↓ |
| | | 2.67 KB | |
| 897-231 | 09.01.2015 | doc | ↓ |
| | | 22.50 KB | |

CAD/CAE-Data

| CAE data | |
|------------------------|-------------------|
| WSCAD Universe 897-231 | ↓ |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 897-230
Flat cable end cover; 3-pole; Plastic

Item No.: 897-900
Insulating tape for flat cable; 3-pole; black

1.1.2 Installation

1.1.2.1 Mounting accessories



Item No.: [897-839](#)

Fixing clamps; Plastic