

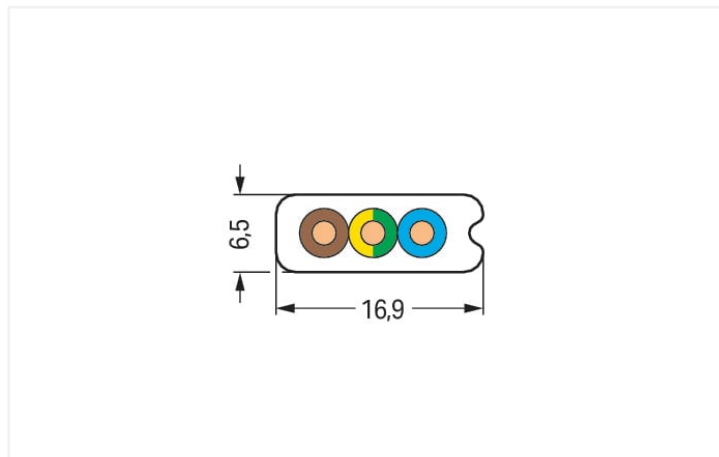
## Data Sheet | Item Number: 897-231

Flat cable; Eca; 3G 2.5 mm<sup>2</sup>; PVC; L + PE + N; 0.6/1 kV; 2,50 mm<sup>2</sup>; 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

### Electrical data

#### Ratings per IEC/EN

Rated voltage	0.6 / 1 kV
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Connection data

#### Connection 1

Pole number	3
Wire cross-section	2.5 mm <sup>2</sup>

### Physical data

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

### Mechanical data

Variable coding	No
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### Plug-in connection

Mismating protection	No
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### Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	light gray
Fire class per EN 50575	E <sub>ca</sub>
Fire load	2.099 MJ
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	160 g
Copper weight of the pipe	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 ≤ 105 °C

### Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-06-01-06
eCl@ss 9.0	27-06-20-02
ETIM 8.0	EC003250
ETIM 7.0	EC003250
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454004170
Customs tariff number	85444995000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## 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