

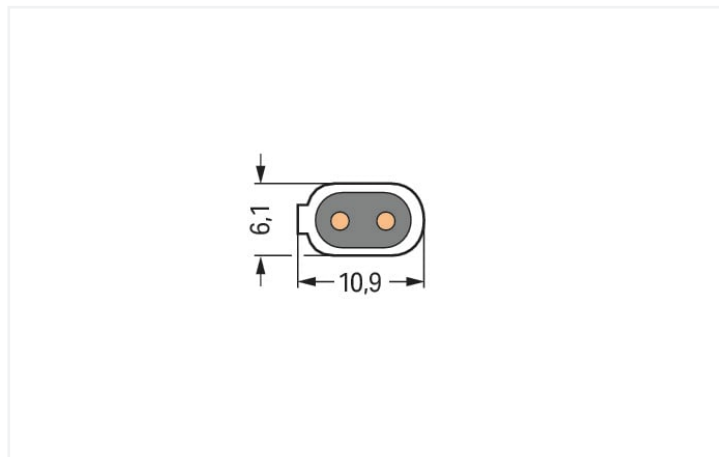
## Data Sheet | Item Number: 897-121

Flat cable; Eca; 2 x 1.5 mm<sup>2</sup>; PVC; 2 buses; 50 V; 1,50 mm<sup>2</sup>; light gray

<https://www.wago.com/897-121>



Color: ■ light gray



Dimensions in mm

### Flat cable WINSTA® IDC 2-pole

Thanks to the flat cable from the WINSTA® IDC product line, straightforward electrical installation is guaranteed. You can rely on the level of quality of WINSTA® components from WAGO for your electrical installation accessories too. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

WINSTA® IDC solutions for your electrical installation – protected against mismatching and maintenance-free

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also lower installation costs without compromising quality and safety: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

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

### Electrical data

#### Ratings per IEC/EN

|                  |   |
|------------------|---|
| Legend (ratings) | (III / 3) △ Overvoltage category III / Pollution degree 3 |
|------------------|---|

### Connection data

#### Connection 1

|                    |                     |
|--------------------|---------------------|
| Pole number        | 2                   |
| Wire cross-section | 1.5 mm <sup>2</sup> |

### Physical data

|        |                       |
|--------|-----------------------|
| Width  | 10.9 mm / 0.43 inches |
| Height | 6.1 mm / 0.24 inches  |

### Mechanical data

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

### Plug-in connection

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

### 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                 | 1.728 MJ   |
| Silicon-free              | Yes  |
| Sheath material           | PVC  |
| Rubber cable              | No   |
| Weight                    | 90 g   |
| Copper weight of the pipe | 0.029 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                  | 4045454267315 |
| Customs tariff number | 85444995000   |

### Environmental Product Compliance

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

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 897-121



## Documentation

### Additional Information

pdf  
518.02 KB



### Bid Text

897-121

19.02.2019

xml  
2.58 KB



897-121

09.01.2015

doc  
22.50 KB



## CAD/CAE-Data

### CAE data

WSCAD Universe  
897-121



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Cover

##### 1.1.1.1 Cover



**Item No.: 897-120**

Flat cable end cover; for flat cable 2 x 1.5 mm<sup>2</sup>; Plastic; transparent

**Item No.: 897-900**

Insulating tape for flat cable; 3-pole; black

### 1.1.2 Installation

#### 1.1.2.1 Mounting accessories



**Item No.: 897-878**

Fixing clamp for screw mounting; plastic; gray