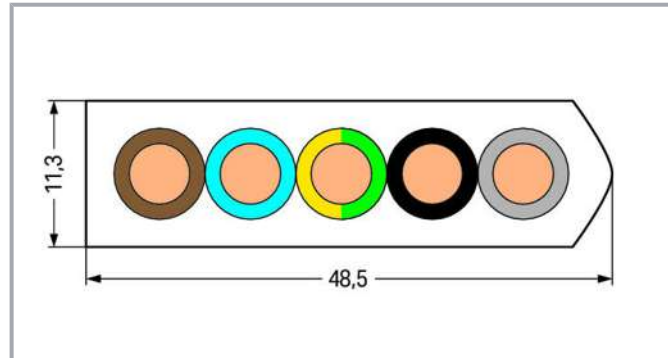


## Data sheet | Item number: 897-1651

Flat cable; Eca; 5G 16 mm<sup>2</sup>; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/897-1651](http://www.wago.com/897-1651)



### Item description

#### Flat cable **WINSTA®** IDC 5-pole

Thanks to the flat cable from the **WINSTA®** IDC product line, error-free installation is ensured. An extensive range of accessories complements the **WINSTA®** product line from WAGO. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are met by this product through fire class E.

#### **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 significantly reduces the need for servicing and lowers costs. Choose quality and durability – the **WINSTA®** IDC accessory with fire class E from WAGO makes the electrical installation of electrical components significantly easier.

- products perfectly tailored to your requirements guarantee safe use
- fast, secure installation

Subject to changes. Please also observe the further product documentation!

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data

### Electrical data

### IEC Approvals

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

### Connection data

#### Connection 1

Number of poles	5
Wire cross-section	16 mm <sup>2</sup>

### Physical data

Width	48.5 mm / 1.91 inch
Height	11.3 mm / 0.45 inch

### Mechanical data

Variable coding	No
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### Material data

Note (material data)	Information on material data can be found here
Color	light gray
Fire class per EN 50575	E <sub>ca</sub>
Fire load	10.62 MJ
Sheath material	PVC
Weight	1300 g
Copper weight of the pipe	0.768 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

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## Commercial data

Product Group	20 (WINSTA)
PU (SPU)	1 Stück
Packaging type	box
Country of origin VKOrg Germany	CH
GTIN	4045454006327
Customs tariff number VKOrg Germany	8544429090

## Optional accessories

### Cover

#### General accessories



**Item no.: 897-901**

Insulating tape for flat cable; 5-pole/3-pole; for flat cable 10 mm<sup>2</sup>; acid green

[www.wago.com/897-901](http://www.wago.com/897-901)

#### Cover



**Item no.: 897-1650**

Flat cable end cover; 5-pole; for flat cable 16 mm<sup>2</sup>; Plastic

[www.wago.com/897-1650](http://www.wago.com/897-1650)

### Tools

#### Cutting tool



**Item no.: 897-960**

Cutter; with a partially insulated handle; for flat cable; 5 x 6 mm<sup>2</sup>

[www.wago.com/897-960](http://www.wago.com/897-960)

#### Cable stripper



**Item no.: 897-952**

Stripping knife; for flat cable 5 x 16 mm

[www.wago.com/897-952](http://www.wago.com/897-952)

## Downloads

### Documentation

#### Bid Text

897-1651	2019 Feb 19	xml	Download
X81 - Datei		2.8 kB	
897-1651	2015 Jan 9	doc	Download
doc - Datei		23.0 kB	

Subject to changes. Please also observe the further product documentation!

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CAD files  
CAE data

WSCAD Universe 897-1651	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 897-1651	URL	Download
Flat cable; Eca; 5G 16 mm²; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray		

Installation Notes

Application



Cut the flat cable with the 897-960 Cable Cutter from side 1 and cut through from side 2.



Cut laterally with the stripping knife on both sides (away from the body).



Lift/remove the insulation manually and cut it off with the 897-972 or 897-960 Cable Cutter.

Product family

WINSTA® IDC  
[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!

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