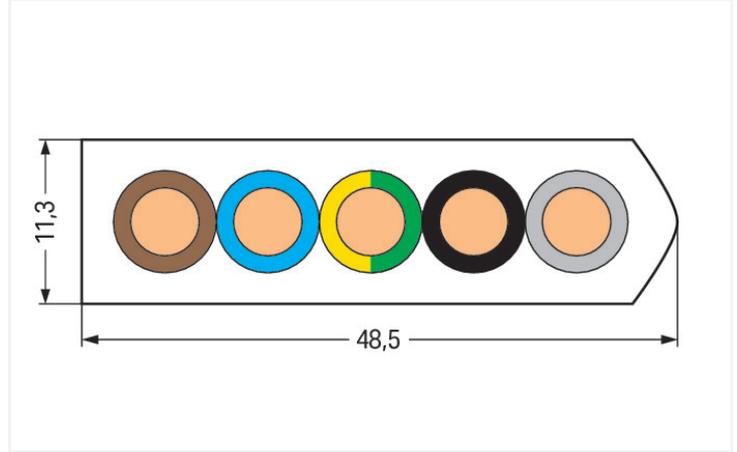# Data Sheet | Item Number: 897-1651

Flat cable; Eca; 5G 16 mm²; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray

https://www.wago.com/897-1651

Color: ■ light gray

Dimensions in mm

Flat cable *WINSTA®* IDC 5-pole

With the flat cable from the *WINSTA®* IDC product line, straightforward electrical installation is ensured. A comprehensive range of accessories complements the WINSTA® product line from WAGO. 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.

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. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismating from WAGO.

- saves time, since no wiring is required at the construction site
- convenient installation and commissioning

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, Absolierlängen 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) ≙ Overvoltage category III / Pollution degree 3

Connection Data

Connection 1

Pole number	5
Wire cross-section	16 mm²

Physical data

Width	48.5 mm / 1.91 inches
Height	11.3 mm / 0.45 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	10.62 MJ
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	1300 g
Copper weight of the raw cable	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 ≤ 105 °C

Commercial data

Product Group	20 (Winsta)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454006327
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 897-1651	↓

Documentation

Additional Information

	pdf 518.02 KB	↓

Bid Text

897-1651	19.02.2019	xml 2.69 KB	↓
897-1651	09.01.2015	doc 22.50 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 897-1651	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover

Item No.: 897-1650
Flat cable end cover; 5-pole; for flat cable 16 mm²; Plastic

Item No.: 897-901
Insulating tape for flat cable; 5-pole/3-pole; for flat cable 10 mm²; acid green

1.1.2 Tool

1.1.2.1 Cable stripper

Item No.: 897-952
Stripping knife; for flat cable 5 x 16 mm

1.1.2.2 Cutting tool

Item No.: 897-960
Cutter; with a partially insulated handle; for flat cable; 5 x 6 mm²

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.

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

Current addresses can be found at:: www.wago.com