

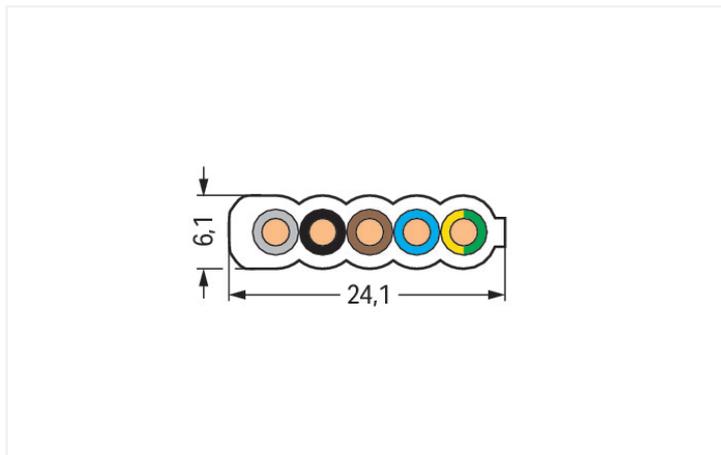
Data Sheet | Item Number: 897-251

Flat cable; Eca; 5G 2.5 mm²; PVC; 3L + N + PE; 0.6/1 kV; 2,50 mm²; green

<https://www.wago.com/897-251>



Color: ■ green



Dimensions in mm

Flat cable WINSTA® IDC 5-pole

When using the flat cable from the WINSTA® IDC product line, zero-defect electrical installation is guaranteed. With WAGO, you get enjoy the advantages of a large selection of expansions for the WINSTA® product line. According to the European CPR, the fire class of the cables used in construction is decisive for building safety as well. For houses with average safety requirements, cable assemblies with fire class E are suitable.

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

The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching 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, 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	5
Wire cross-section	2.5 mm ²

Physical data

Width	24.1 mm / 0.95 inches
Height	6.1 mm / 0.24 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)	Information on material specifications can be found here
Color	green
Fire class per EN 50575	E _{ca}
Fire load	2.801 MJ
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	320 g
Copper weight of the raw cable	0.12 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	4045454267230
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 897-251	↓

Documentation

Additional Information		Bid Text		
pdf	518.02 KB	↓		
		897-251	19.02.2019	xml 2.61 KB
		897-251	09.01.2015	doc 22.50 KB

CAD/CAE-Data

CAE data	
WSCAD Universe 897-251	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 897-250
Flat cable end cover; 5-pole; for flat cable 5 x 2.5/4 mm²; 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