

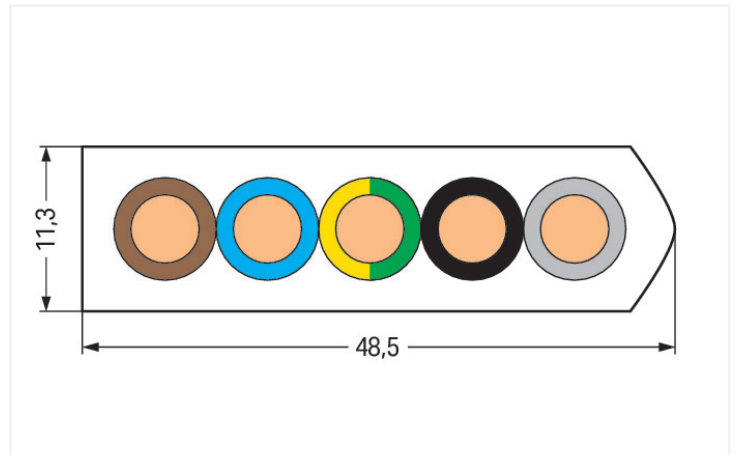
Data Sheet | Item Number: 897-1652

Flat cable; B2ca; 5G 16 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray

<https://www.wago.com/897-1652>



Color: ■ light gray



Dimensions in mm

Flat cable WINSTA® IDC 5-pole

The flat cable from the WINSTA® IDC product line guarantees you the greatest possible flexibility in electrical installation. With WAGO, you get enjoy the advantages of a large selection of expansions for the WINSTA® product line. Scrupulous compliance with fire protection regulations is an crucial issue for building installation. Especially in sensitive areas, the fire class must meet the high standards of requirements. This product complies with the requirements of fire class B2. Not using halogen additives in the manufacture of this flat cable significantly improves fire safety and reduces environmental pollution.

Lower costs through fast commissioning and elimination of service expenses – solutions from WINSTA® IDC

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – with fire class B2 from WAGO makes the installation of electrical components noticeably easier.

- products perfectly tailored to your requirements guarantee safe use
- quick replacement of defective units during ongoing operation

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	16 mm ²

Physical data

Width	48.5 mm / 1.91 inches
Height	11.3 mm / 0.45 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	light gray
Fire class per EN 50575	B2 _{ca}
Fire load	10.62 MJ
Halogen-free	Yes
Silicon-free	Yes
Rubber cable	No
Weight	1319 g
Copper weight of the raw cable	0.768 kg/m

Environmental requirements

Processing temperature	5 ... 40 °C
Continuous operating temperature	-25 ... +90 °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	4045454006372
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 897-1652

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Documentation			
Additional Information		Bid Text	
	pdf 554.05 KB	897-1652	19.02.2019
	↓	xml 2.70 KB	↓
		897-1652	09.01.2015
		doc 22.50 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 897-1652

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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.