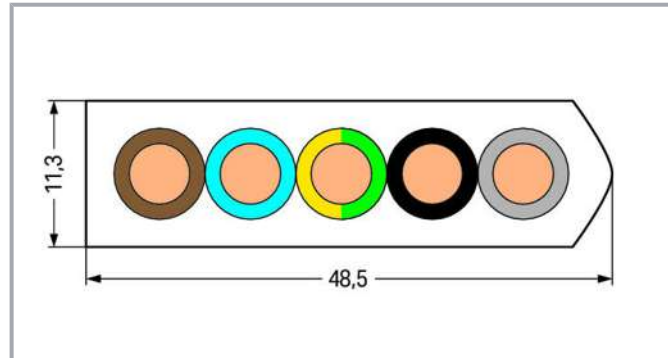


Data sheet | Item number: 897-1652

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

www.wago.com/897-1652



Item description

Flat cable **WINSTA®** IDC 5-pole

The flat cable from the **WINSTA®** IDC product line is the intelligent solution for reliable installation. With WAGO, you get enjoy the advantages of a large selection of accessories for the **WINSTA®** product line. The flat cable is free of halogen. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The **WINSTA®** Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose durability and quality – the **WINSTA®** IDC accessory with fire class B2 from WAGO makes the electrical installation of electrical components visibly easier.

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

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 | Web: 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 ²

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	B2 _{ca}
Fire load	10.62 MJ
Halogen-free	Yes
Weight	1319 g
Copper weight of the pipe	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 \leq 105 °C

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

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Commercial data

Product Group	20 (WINSTA)
PU (SPU)	1 Stück
Packaging type	box
Country of origin VKOrg Germany	CH
GTIN	4045454006372
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 mm²; acid green

www.wago.com/897-901

Cover



Item no.: 897-1650

Flat cable end cover; 5-pole; for flat cable 16 mm²; Plastic

www.wago.com/897-1650

Tools

Cutting tool



Item no.: 897-960

Cutter; with a partially insulated handle; for flat cable; 5 x 6 mm²

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

Downloads

Documentation

Bid Text

897-1652 X81 - Datei	2019 Feb 19	xml 2.8 kB	Download
897-1652 doc - Datei	2015 Jan 9	doc 23.0 kB	Download

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

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CAD files

CAE data

WSCAD Universe 897-1652	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 897-1652	URL	Download
Flat cable; B2ca; 5G 16 mm²; halogen-free; 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!