Data Sheet | Item Number: 897-1051
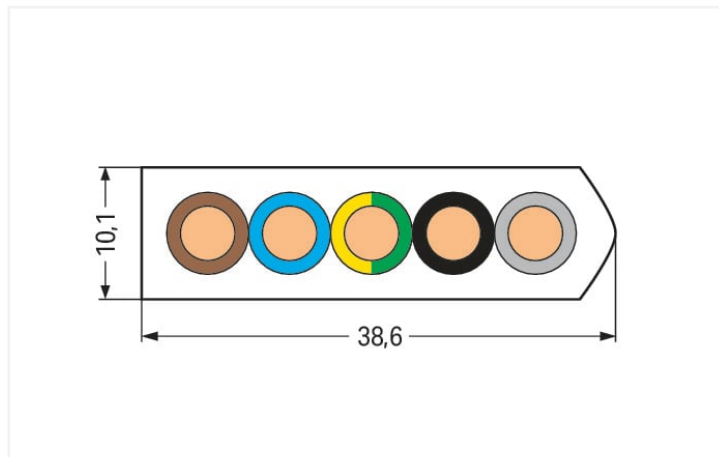
Flat cable; Eca; 5G 10 mm²; PVC; 3L + N + PE; 0.6/1 kV; 10,00 mm²; light gray

https://www.wago.com/897-1051

Color: ▪ light gray

Dimensions in mm

Flat cable *WINSTA®* IDC 5-pole

The flat cable from the *WINSTA®* IDC product line is the advanced solution for reliable installation. With WAGO, you benefit from a large selection of expansions for the *WINSTA®* product line. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Now you can also reduce installation costs without compromising safety and quality: with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- rapid, structured electrical installation

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	10 mm²

Physical data

Width	38.6 mm / 1.52 inches
Height	10.1 mm / 0.39 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	7.632 MJ
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	845 g
Copper weight of the pipe	0.48 kg/m

Environmental requirements

Processing temperature	5 … 40 ℃
Continuous operating temperature	-25 … +70 ℃
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 ℃

Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-06-01-06
eCl@ss 9.0	27-06-20-02
ETIM 8.0	EC003250
ETIM 7.0	EC003250
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454004286
Customs tariff number	85444995000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

WAGO

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 897-1051	↓

Documentation

Additional Information

	pdf 518.02 KB	↓

Bid Text

897-1051	19.02.2019	xml 2.69 KB	↓
897-1051	09.01.2015	doc 22.50 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 897-1051	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover

Item No.: 897-1050
Flat cable end cover; 5-pole; for flat cable 10 mm²; Plastic

Item No.: 897-900
Insulating tape for flat cable; 3-pole; black

1.1.2 Installation

1.1.2.1 Mounting accessories

Item No.: 897-859
Fixing clamps; for flat cable 10 mm²; Plastic

1.1.3 Tool

1.1.3.1 Cable stripper

Item No.: 897-951
Stripping knife; for flat cable 5 x 10 mm²

1.1.3.2 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.