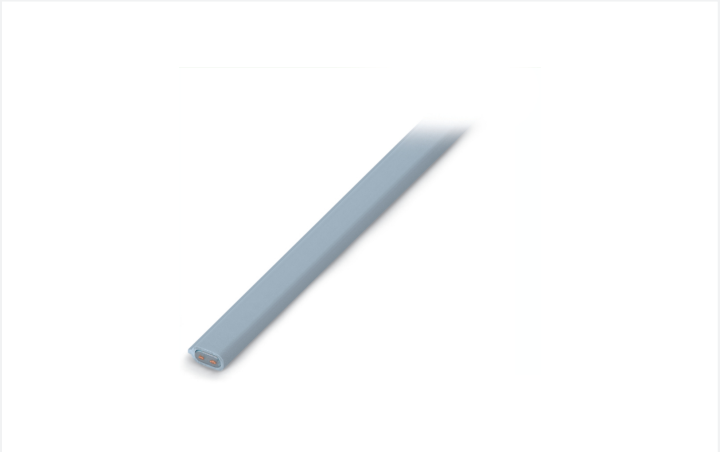
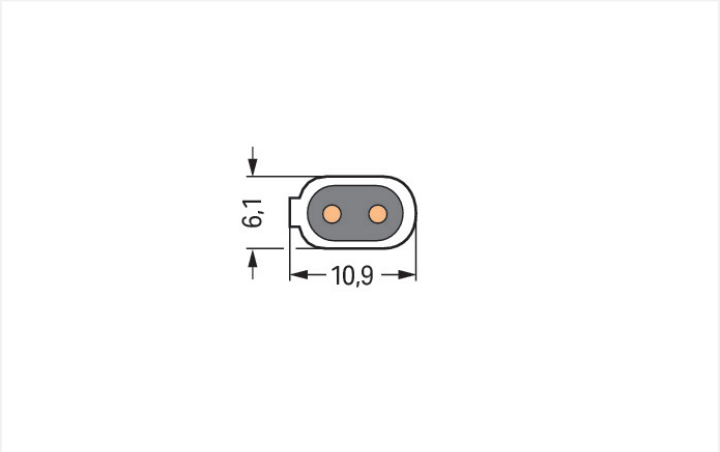
Data Sheet | Item Number: 897-121

Flat cable; Eca; 2 x 1.5 mm²; PVC; 2 buses; 50 V; 1,50 mm²; light gray

https://www.wago.com/897-121



Color: light gray



Dimensions in mm

Flat cable *WINSTA*® IDC 2-pole

Thanks to the flat cable from the *WINSTA*® IDC product line, straightforward electrical installation is guaranteed. You can rely on the level of quality of WINSTA® components from WAGO for your electrical installation accessories too. 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.

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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Now you can also lower installation costs without compromising quality and safety: 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

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

Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection Data

Connection 1

Pole number	2
Wire cross-section	1.5 mm²

Physical data

Width	10.9 mm / 0.43 inches
Height	6.1 mm / 0.24 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	1.728 MJ
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	90 g
Copper weight of the raw cable	0.029 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	4045454267315
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 897-121

Documentation

Additional Information

	pdf 518.02 KB	

Bid Text

897-121	19.02.2019	xml 2.58 KB
897-121	09.01.2015	doc 22.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 897-121

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover

Item No.: 897-120
Flat cable end cover; for flat cable 2 x 1.5 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