

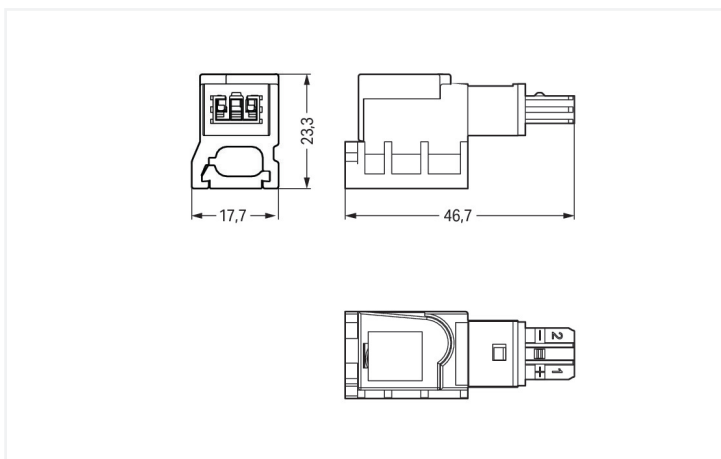
## Data Sheet | Item Number: 893-122

Tap-off module; for flat cable; 2-pole; Cod. E; with cable connection on the output side; green

<https://www.wago.com/893-122>



Color: ■ green



Dimensions in mm

### Tap-off module WINSTA® IDC E coding

For signal and power transmission: The WINSTA® IDC tap-off module 2-pole. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The KNX protocol allows different equipment within one building system to communicate. A WINSTA® IDC pluggable installation connector with E coding, like all coded pluggable installation connectors, allows blind mating. E coding is often used for an auxiliary power supply, for example in I/O devices.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also cut installation expenses without compromising quality and safety: with marking eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- with E coding for AC and DC applications
- ready to install and use immediately

- convenient installation and commissioning

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	50 V	-	-
Rated impulse withstand voltage	0.8 kV	-	-
Rated current	3 A	-	-

## General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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## Connection Data

Total number of potentials	2
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## Connection 1

Connection technology	IDC connection
Actuation type	Operating tool
Pole number	2

## Physical data

Width	17.7 mm / 0.697 inches
Height	23.3 mm / 0.917 inches
Depth	46.7 mm / 1.839 inches

## Mechanical data

Technology	KNX
Coding	E
Variable coding	No
Marking	1+ 2-
Potential marking	1+ 2-
Retention force of a plug-in connection	When locked: > 80 N
Number of mating cycles	200
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	for flat cable 2 x 1.5 mm <sup>2</sup>

## Plug-in connection

Mismating protection	Yes
Note on mismating protection	All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	green
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0 MJ
Weight	14 g

**Environmental requirements**

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Flat cable for temperatures -15 °C to ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

**Commercial data**

Product Group	20 (Winsta)
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454267407
Customs tariff number	85366990990

**Product Classification**

UNSPSC	39121421
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01
ETIM 9.0	EC002588
ETIM 10.0	EC002588
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>			
Environmental Product Compliance 893-122			<a href="#">↓</a>

**Documentation**

<b>Bid Text</b>			
893-122	19.02.2019	xml 2.98 KB	<a href="#">↓</a>
893-122	09.01.2015	doc 23.50 KB	<a href="#">↓</a>

## CAD/CAE-Data

### CAE data

EPLAN Data Portal  
893-122



WSCAD Universe  
893-122



## 1 Compatible Products

### 1.1 System counterpart

#### 1.1.1 Cable assembly



**Item No.: 894-8992/233-106**

pre-assembled connecting cable; Eca;  
Plug/open-ended; 2-pole; Cod. E; J-Y(ST)  
Y...LG 2x2x0.8; 1 m; green

**Item No.: 894-8992/033-106**

pre-assembled interconnecting cable;  
Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)  
Y...LG 2x2x0.8; 1 m; green

#### 1.1.2 Male connector/plug



**Item No.: 893-1012**

Plug; with strain relief housing; 2-pole;  
Cod. E; green

## 1.2 Optional Accessories

### 1.2.1 Cables and connectors

#### 1.2.1.1 Flat cable



**Item No.: 897-122**

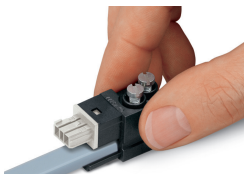
Flat cable; Dca; 2 x 1.5 mm<sup>2</sup>; halogen-free;  
2 buses; 50 V; 1,50 mm<sup>2</sup>; light gray

**Item No.: 897-121**

Flat cable; Eca; 2 x 1.5 mm<sup>2</sup>; PVC; 2 buses;  
50 V; 1,50 mm<sup>2</sup>; light gray

## Installation Notes

### Conductor termination

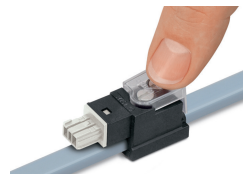


The IDC module can only be mounted if  
the two codings match each other.

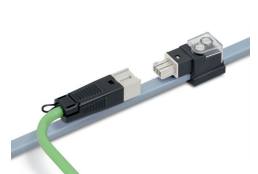
Should the IDC module jam during moun-  
ting, turn the module by 180° and remount  
it, flush with the base.



Tighten the screws to connect the flat cable.  
Observe 1 Nm of tightening torque!



Snap the transparent protective cover  
onto the module.



Connect the cable assembly to the modu-  
le.