

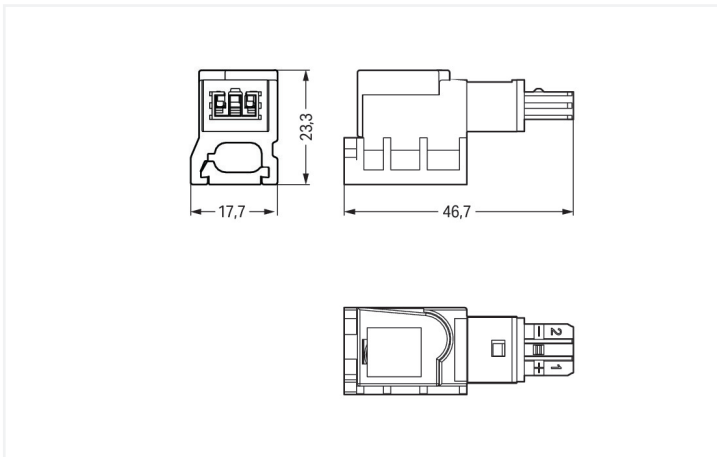
Data Sheet | Item Number: 893-122

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 with protection type IP20

The *WINSTA*® IDC tap-off module with protection type IP20 provides the foundation for installation of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. The pluggable installation connector offers touch-proof protection 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. The standardised *WINSTA*® IDC pluggable installation connectors in green are employed for transfer of signals in KNX networks.

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 faster, more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Choose quality and durability – with protection against mismatching from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with E coding for supplying auxiliary power to I/O devices
- custom-engineered solutions
- 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 surge 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

Connection data		
Total number of potentials	2	

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 mm²	

Plug-in connection	
Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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)	Information on material specifications can be found here
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)
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01
ETIM 9.0	EC002588
ETIM 8.0	EC002588
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454267407
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

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Compliance Search

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Documentation			
Bid Text			
893-122	19.02.2019	xml 2.98 KB	↓
893-122	09.01.2015	doc 23.50 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal 893-122

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WSCAD Universe 893-122

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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



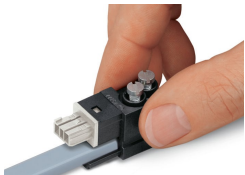
Item No.: 897-122
Flat cable; Dca; 2 x 1.5 mm²; halogen-free;
2 buses; 50 V; 1,50 mm²; light gray



Item No.: 897-121
Flat cable; Eca; 2 x 1.5 mm²; PVC; 2 buses;
50 V; 1,50 mm²; 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 mounting, turn the module by 180° and remount it, flush with the base.

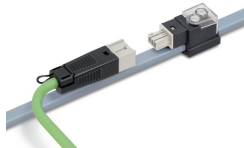


Tighten the screws to connect the flat cable.

Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Connect the cable assembly to the module.