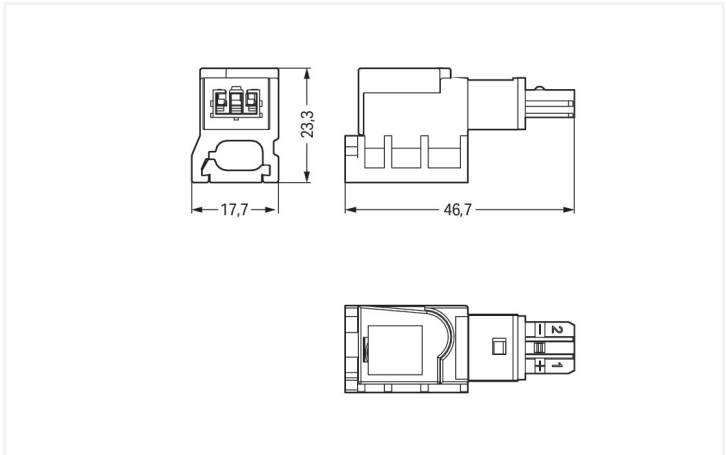




Color: ■ light gray



Dimensions in mm

Tap-off module WINSTA® IDC 2-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® IDC tap-off module F coding. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. The grey WINSTA® IDC pluggable installation connectors in F coding support solutions in the low-voltage range.

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 very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- for high-power connections for supplying power
- custom-engineered solutions
- convenient installation and commissioning

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category	III	III	II	General information Note on contact resistance approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2	
Nominal voltage	50 V	-	-	
Rated surge voltage	0.8 kV	-	-	
Rated current	3 A	-	-	

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	F
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 ²

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	light gray
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	15.6 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		
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		4050821471721
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Downloads

Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 893-129		

Documentation

Bid Text			
893-129	19.02.2019	xml 2.96 KB	
893-129	09.01.2015	doc 23.50 KB	

CAD/CAE-Data

CAE data		
EPLAN Data Portal 893-129		
WSCAD Universe 893-129		

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 893-1032
Plug; with strain relief housing; 2-pole;
Cod. F; light gray

1.2 Optional Accessories

1.2.1 Cables and connectors

1.2.1.1 Flat cable



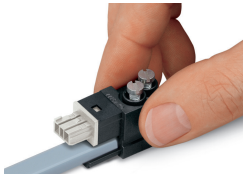
Item No.: 897-122
Flat cable; Dca; 2 x 1.5 mm²; halogen-free;
2 buses; 50 V; 1,50 mm²; light gray



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



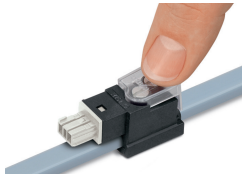
The IDC module can only be mounted if the two codings match each other.

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

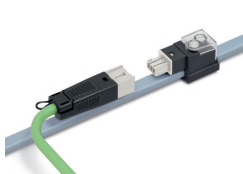


Tighten the screws to connect the flat cable.

Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Connect the cable assembly to the module.