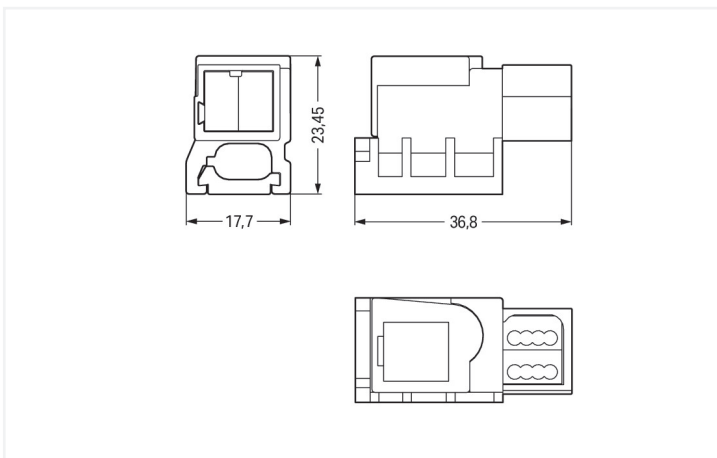




Color: ■ black



Dimensions in mm

Supply module *WINSTA*® IDC with protection type IP20

For signal and power transmission: The *WINSTA*® IDC supply module with protection against mismatching. WAGO pluggable installation connectors are used when criteria repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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 standard is the ultimate benchmark in automation of buildings. It ensures error-free, manufacturer-independent networking of advanced building systems.

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

The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also cut installation expenses without compromising quality and safety: with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- 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		
Clamping units	8	

Connection 1	
Connection technology	IDC connection
Actuation type	Operating tool
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
Pole number	2

Physical data	
Width	17.7 mm / 0.697 inches
Height	23.45 mm / 0.923 inches
Depth	36.8 mm / 1.449 inches

Mechanical data	
Technology	KNX
Variable coding	No
Marking	plain
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	black
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	16 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)	25 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454267391
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 893-121

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Documentation			
Bid Text			
893-121	19.02.2019	xml 2.90 KB	↓
893-121	09.01.2015	doc 22.50 KB	↓

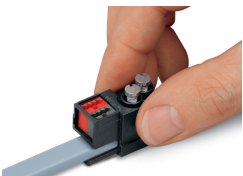
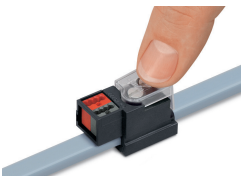
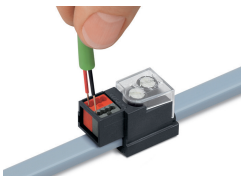
CAD/CAE-Data	
CAE data	
EPLAN Data Portal 893-121	↓
WSCAD Universe 893-121	↓



1 Compatible Products
1.1 Optional Accessories
1.1.1 Cables and connectors
1.1.1.1 Flat cable

 Item No.: 897-122 Flat cable; Dca; 2 x 1.5 mm ² ; halogen-free; 2 buses; 50 V; 1,50 mm ² ; light gray	 Item No.: 897-121 Flat cable; Eca; 2 x 1.5 mm ² ; PVC; 2 buses; 50 V; 1,50 mm ² ; light gray
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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.	Terminate stripped, solid conductors by simply pushing them into unit until they hit backstop.