Data Sheet | Item Number: 893-121

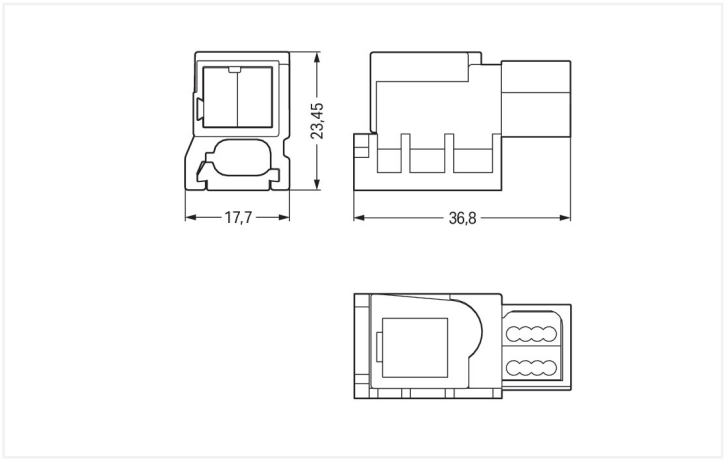
Supply module; for flat cable; 2-pole; black

https://www.wago.com/893-121





Color: ■ black



Dimensions in mm

Supply module *WINSTA*® IDC 2-pole

The *WINSTA*® IDC supply module rated current 3 A supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work without screw connections. They allow resource-efficient, error-free installation in a large number of applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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 building automation. It guarantees error-free, manufacturer-independent networking of advanced building systems.

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 therefore faster, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- ready for immediate use
- 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

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 *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)	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

Continued on next page

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)	25 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454267391
Customs tariff number	85369010000

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 893-121

Documentation

Bid Text

893-121	19.02.2019	xml 2.90 KB	
893-121	09.01.2015	doc 22.50 KB	

Continued on next page

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 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.

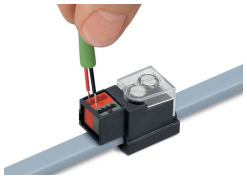


Tighten the screws to connect the flat cable.

Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Terminate stripped, solid conductors by simply pushing them into unit until they hit backstop.