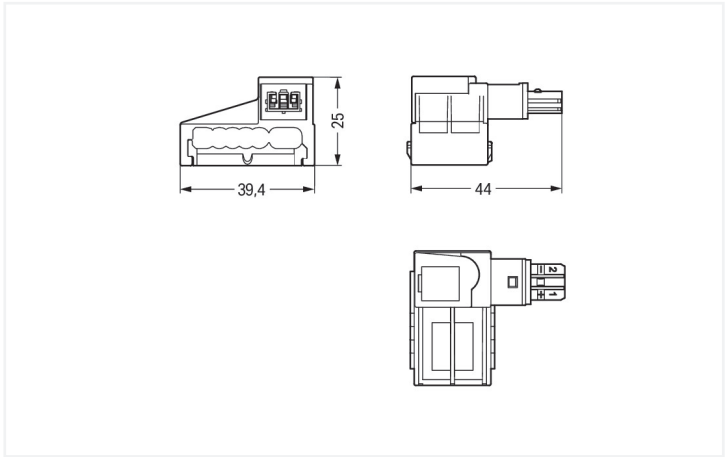




Color: ■ light gray



Dimensions in mm

Tap-off module *WINSTA*® IDC rated current 3 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® IDC tap-off module with protection against mismating, WAGO pluggable installation connectors are used when specifications repeat or are planned on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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 harmonised KNX interface represents a manufacturer-independent communication protocol for intelligently networking state-of-the-art home and building system technologies. *WINSTA*® IDC pluggable installation connectors with F coding are used in low-voltage applications.

WINSTA® IDC solutions for your electrical installation – protected against mismating and maintenance-free

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Now you can also cut installation costs without compromising quality and safety: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- for high-power connections for supplying power
- custom-engineered solutions
- convenient installation and commissioning

Electrical data						
Ratings per		IEC/EN 60664-1			General information	
Overvoltage category		III	III	II	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	39.4 mm / 1.551 inches
Height	25 mm / 0.984 inches
Depth	44 mm / 1.732 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 5 x 2.5 mm ² + 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	19 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	4045454267308	
Customs tariff number	85366990990	

Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 893-269

↓

Documentation				
Bid Text				
893-269	19.02.2019	xml	2.99 KB	↓
893-269	09.01.2015	doc	23.00 KB	↓

CAD/CAE-Data		
CAE data		
EPLAN Data Portal 893-269	↓	
WSCAD Universe 893-269	↓	

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



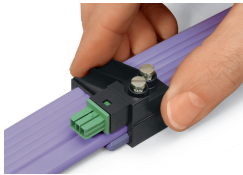
Item No.: 897-262
Flat cable; Cca; 5G 2.5 mm² + 2 x 1.5 mm²;
halogen-free; 3L + N + PE + 2 buses; 0.6/1
kV; 2,50 mm²; violet



Item No.: 897-261
Flat cable; Eca; 5G 2.5 mm² + 2 x 1.5 mm²;
PVC; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50
mm²; violet

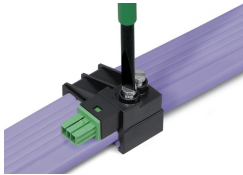
Installation Notes

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.

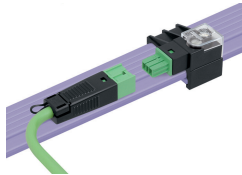


Tighten the screws to connect the flat ca-
ble.

Observe 1 Nm of tightening torque!



Snap the transparent protective cover
onto the module.



Connect the cable assembly to the modu-
le.