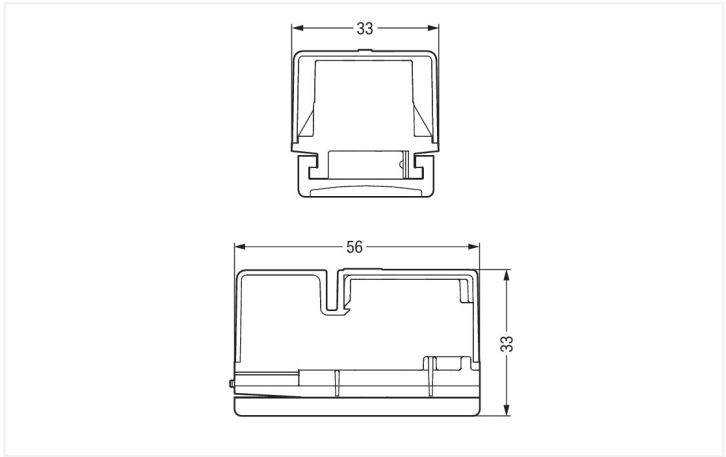




Color: ■ gray



Dimensions in mm

Supply module WINSTA® IDC 3-pole

The WINSTA® IDC supply module with protection against mismating supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow flexible, error-free installation in numerous possible uses. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. 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!)). This pluggable installation connector is designed for a voltage load of up to 24 A. Thus, it can also be used for high power loads.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology tool! Plan your installation with with protection type IP20 from WAGO.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- 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	250 V	-	-	
Rated surge voltage	4 kV	-	-	
Rated current	24 A	-	-	

Connection data

Clamping units	3
Total number of potentials	3

Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Pole number	3
Wire cross-section	2.5 mm ²

Connection 2

Connection technology	IDC connection
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Physical data

Width	33 mm / 1.299 inches
Height	33 mm / 1.299 inches
Depth	55 mm / 2.165 inches

Mechanical data

Variable coding	No
Marking	plain
Retention force of a plug-in connection	When locked: > 80 N
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
Suitable	for flat cable 3 x 2.5 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	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	0.864 MJ
Weight	45 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)	10 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454004194
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 896-231

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Documentation			
Bid Text			
896-231	19.02.2019	xml 2.87 KB	↓
896-231	09.01.2015	doc 22.50 KB	↓

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 896-231	↓
WSCAD Universe 896-231	↓



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



Item No.: 897-232
Flat cable; B2ca; 3G 2.5 mm²; halogen-free; L + PE + N; 0.6/1 kV; 2,50 mm²; light gray



Item No.: 897-231
Flat cable; Eca; 3G 2.5 mm²; PVC; L + PE + N; 0.6/1 kV; 2,50 mm²; light gray