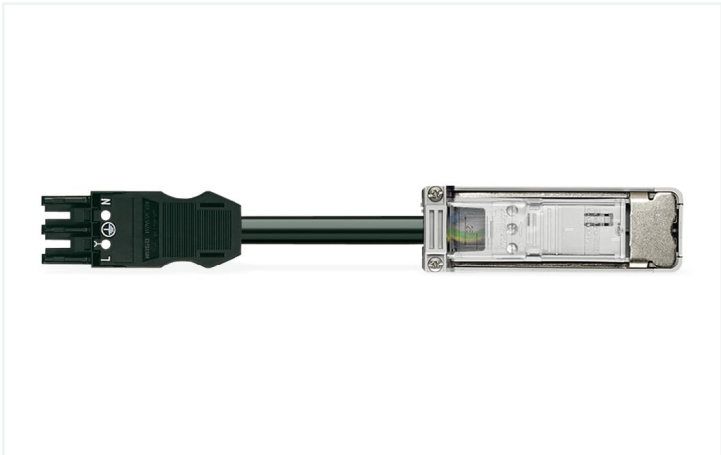


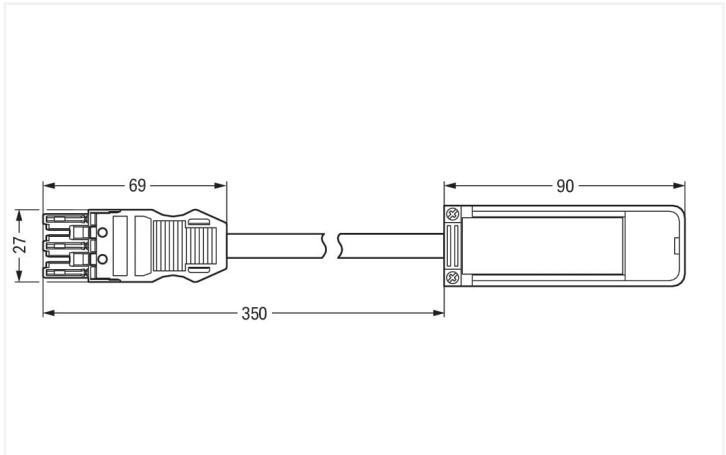
Data Sheet | Item Number: 896-233

Tap-off module; 3 x 2.5 mm²; 3-pole; Cod. A; fitted with cable; with strain relief housing; black

<https://www.wago.com/896-233>



Color: ■ black



Dimensions in mm

Cable assembly WINSTA® IDC A coding

The WINSTA® IDC cable assembly with protection against mismatching supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work without screw connections. They allow flexible, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected in accordance with protection type IP20 (Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)). That results in the fact that users' fingers will never come into contact with electrified contact elements. Thanks to the color coding and mechanical A coding of WINSTA® IDC pluggable installation connectors, you can clearly distinguish different circuits. According to the European CPR, the fire class of the cables used in construction is critical for building safety, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also lower installation expenses without compromising safety and quality: with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for use in many general mains applications
- ready to install and use immediately
- fast, secure installation

Notes	
Note	Cables with a different fire class can be found in the eShop.

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



Connection data		
PE function	Preceding PE contact	
		Connection 1
		Sheathed cable diameter 9.2 ... 11.4 mm
Physical data		
Width		30 mm / 1.181 inches
Height		34 mm / 1.339 inches
Total length		0.44 m
Mechanical data		
Application		General mains applications
Coding		A
Variable coding		Yes
Marking		L N
Mating force of a plug-in connection		Approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection		when locked: > 80N
Unmating force of a plug-in connection		Unlocked: approx. 30 ... 70 N (depending on pole number)
Number of mating cycles		200, without resistive load
Protection type		IP20; Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Suitable		for flat cable 3 x 2.5 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
Locking of plug-in connection		Locking lever
Material data		
Note (material data)		Information on material specifications can be found here
Color		black
Insulation material		Polyamide (PA66)
Flammability class per UL94		V0
Fire class per EN 50575		E _{ca}
Contact material		Copper or copper alloy; surface-treated
Fire load		12.912 MJ
Halogen-free		No
Sheath material		Halogen-free
Weight		141.8 g
Copper weight of the pipe		0.072 kg/m



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) 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 8.0	EC002588
ETIM 7.0	EC002588
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454004279
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 896-233	

Documentation			
Bid Text			
896-233	19.02.2019	xml 2.68 KB	
896-233	09.01.2015	doc 22.50 KB	

CAD/CAE-Data	
CAE data	
WSCAD Universe 896-233	



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