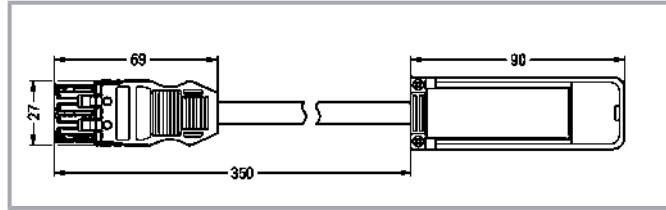


Data sheet | Item number: 896-233

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

www.wago.com/896-233



Item description

Cable assembly WINSTA® IDC with protection against mismating

The WINSTA® IDC cable assembly with protection against mismating is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. Our pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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.)). This means that users' fingers will never come into contact with electrified contact elements. Standard mains applications for almost any domain of use can be implemented with WINSTA® IDC pluggable installation connectors with A coding. According to the European CPR, the fire class of the cables used for construction is critical for the safety of buildings, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Choose quality and durability – the WINSTA® IDC pluggable installation connector with protection against mismating from WAGO makes the electrical installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismating
- saves time, since no wiring is required at the construction site
- with A coding for use in a large number of general mains applications
- ready for immediate use
- fast, secure installation

Subject to changes. Please also observe the further product documentation!

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data Notes

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

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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IEC Approvals

Ratings per	IEC/EN 60664-1
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Sheathed cable diameter	9.2 ... 11.4 mm
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Physical data

Total length	0.44 m
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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

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	accessible areas.)
Suitable	for flat cable 3 x 2.5 mm ²

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 data can be found here
Color	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	12.717 MJ
Halogen-free	No
Sheath material	Halogen-free
Weight	140.5 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	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (WINSTA)
PU (SPU)	1 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4045454004279

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Customs tariff number VKOrg Germany

85366990990

Optional accessories

Cables and pluggable connectors

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 graywww.wago.com/897-232**Item no.: 897-231**Flat cable; Eca; 3G 2.5 mm²; PVC; L + PE + N; 0.6/1 kV; 2,50 mm²; light graywww.wago.com/897-231

Downloads

Documentation

Bid Text

Item	Date	File Type	Size	Action
896-233 X81 - Datei	2019 Feb 19	xml	2.7 kB	Download

896-233 doc - Datei	2015 Jan 9	doc	23.0 kB	Download
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CAD files

CAE data

Item	URL	Action
WSCAD Universe 896-233	URL	Download

Environmental Product Compliance

Compliance Search

Item	URL	Action
Environmental Product Compliance 896-233 Tap-off module; 3 x 2.5 mm ² ; 3-pole; Cod. A; fitted with cable; with strain relief housing; black	URL	Download

Installation Notes

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Product family

WINSTA® IDC

[Show all products from the family](#)

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