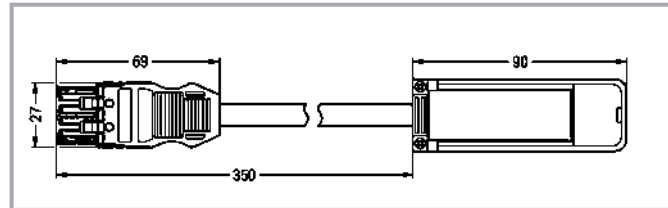
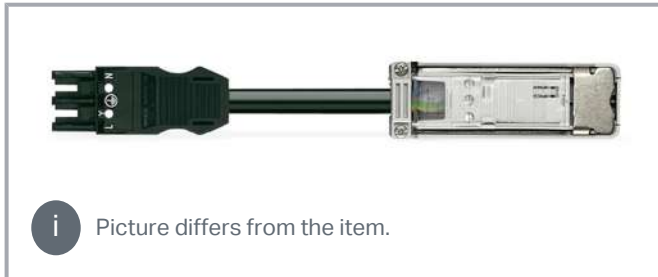


Data sheet | Item number: 896-234

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

www.wago.com/896-234



Item description

Cable assembly *WINSTA*® IDC with protection type IP20

The *WINSTA*® IDC cable assembly with protection against mismatching supports fast, reliable installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to various requirements in next to no time. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector offers protection against contact with live components 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.)). Standard mains applications for almost any domain of use can be realised 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 building safety as well. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose durability and quality – the *WINSTA*® IDC pluggable installation connector with protection against mismatching from WAGO makes the electrical installation of electrical components substantially easier.

- 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
- convenient installation and commissioning

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 accessible areas.)

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Suitable	for flat cable 3 x 2.5 mm ²
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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	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	12.63 MJ
Halogen-free	No
Sheath material	Halogen-free
Weight	140.6 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	4045454154639
Customs tariff number VKOrg Germany	8536904000

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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 gray

www.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 gray

www.wago.com/897-231

Downloads

Documentation

Bid Text

896-234 X81 - Datei	2019 Feb 19	xml 2.7 kB	Download
896-234 doc - Datei	2015 Jan 9	doc 23.0 kB	Download

CAD files

CAE data

WSCAD Universe 896-234	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 896-234 Tap-off module; 3 x 2.5 mm ² ; 3-pole; Cod. A; fitted with cable; with strain relief housing; white	URL	Download
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Installation Notes

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Product family

WINSTA® IDC

[Show all products from the family](#)

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