

Item description

Supply module **WINSTA**® IDC with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the **WINSTA**® IDC supply module rated current 24 A. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 can be employed for a current 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 is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during

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



installation at the construction site. Now you can also lower installation costs without compromising safety and quality: The WINSTA® IDC pluggable installation connector with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

Data

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
Rated voltage (III / 3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	24 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	3
Total number of potentials	3

Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Number of poles	3
Wire cross-section	2.5 mm²

Connection 2

Connection technology 2	IDC connection
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Physical data

Width	33 mm / 1.299 inch
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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.



Height	33 mm / 1.299 inch
Depth	55 mm / 2.165 inch

Mechanical data

Variable coding	No
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 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	gray
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy; surface-treated
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	PVC cable for temperatures ≤ 70 °C (including halogen-free) PVC flat cable for temperatures -15 °C to ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (WINSTA)
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PU (SPU)	10 Stück
Packaging type	box
Country of origin VKOrg Germany	CH
GTIN	4045454004194
Customs tariff number VKOrg Germany	8536698000

Optional accessories

Cables and pluggable connectors

Flat cable		
	Item no.: 897-232 Flat cable; B2ca; 3G 2.5 mm ² ; halogen-free; L + PE + N; 0.6/1 kV; 2,50 mm ² ; light gray	www.wago.com/897-232
	Item no.: 897-231 Flat cable; Eca; 3G 2.5 mm ² ; PVC; L + PE + N; 0.6/1 kV; 2,50 mm ² ; light gray	www.wago.com/897-231

Downloads

Documentation

Bid Text

896-231	2019 Feb 19	xml	Download
X81 - Datei		2.9 kB	
896-231	2015 Jan 9	doc	Download
doc - Datei		23.0 kB	

CAD files

CAE data

EPLAN Data Portal 896-231	URL	Download
WSCAD Universe 896-231	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 896-231	URL	Download
Supply module; for flat cable; 3 x 2.5 mm ² ; 3-pole; gray		

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Installation Notes

Product family

WINSTA® IDC

[Show all products from the family](#)

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