

Item description

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

The **WINSTA®** IDC supply module with protection against mismatching allows installation of fine-stranded and solid conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in next to no time. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (IP65 with screw-type connection/blind plug). This pluggable installation connector can be used for electrical currents up to 76 A. Thus the product is especially suitable for high power loads.

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

The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose quality and durability – the **WINSTA®** IDC pluggable installation connector with protection type IP20 from WAGO makes the electrical

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



installation of electrical components noticeably easier.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- exact dimensions
- 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)	690 V
Rated impulse voltage (III/3)	8 kV
Rated current	76 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	5
Total number of potentials	5

Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Number of poles	5

Connection 2

Connection technology 2	IDC connection
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Physical data

Width	85 mm / 3.346 inch
Height	90 mm / 3.543 inch
Depth	200 mm / 7.874 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.



Mechanical data

Variable coding	No
Retention force of a plug-in connection	When locked: > 80 N
Protection type	IP20; IP65 with screw-type connection/blind plug
Suitable	for flat cable 5 x 16 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
Cover color	black
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy; surface-treated
Fire load	11.88 MJ
Weight	872.9 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)
PU (SPU)	1 Stück
Packaging type	box

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Country of origin VKOrg Germany	CH
GTIN	4045454006389
Customs tariff number VKOrg Germany	85369010000

Optional accessories

Cables and pluggable connectors

Flat cable		
	Item no.: 897-1651 Flat cable; Eca; 5G 16 mm²; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray	www.wago.com/897-1651
	Item no.: 897-1652 Flat cable; B2ca; 5G 16 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray	www.wago.com/897-1652

Downloads

Documentation

Bid Text

895-1651 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
895-1651 doc - Datei	2015 Jan 9	doc 23.0 kB	Download

CAD files

CAE data

EPLAN Data Portal 895-1651	URL	Download
WSCAD Universe 895-1651	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 895-1651 Supply module; for flat cable; 5 x 16 mm ² ; 5-pole; 16,00 mm ² ; black	URL	Download
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Installation Notes

Product family

WINSTA® IDC

[Show all products from the family](#)

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