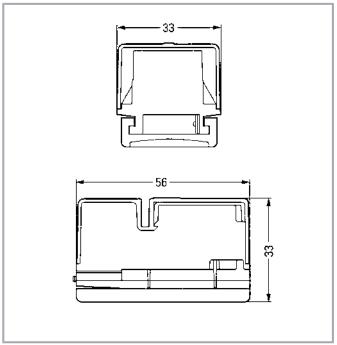
Supply module; for flat cable; 3 x 2.5 mm<sup>2</sup>; 3-pole; gray

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# 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!

WAGO Corporation Germantown, WI 53022

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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 mismating
- 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 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/socket

# **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 mm <sup>2</sup>

# Connection 2

Connection technology 2	IDC connection
-------------------------	----------------

# Physical data

Width 33 mm / 1.299 inch
--------------------------

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www.wago.oon//ooo 201	
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 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 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 $\leq$ 70 °C (including halogen-free) PVC flat cable for temperatures $-15$ °C to $\leq$ 70 °C (including halogen-free) Insulating parts for temperatures $\leq$ 105 °C
Commercial data	
Product Group	20 (WINSTA)
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PU (SPU)	10 Stück
Packaging type	box
Country of origin VKOrg Germany	СН
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<sup>2</sup>; halogen-free; L + PE + N; 0.6/1 kV; 2,50 mm<sup>2</sup>; light gray

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Item no.: 897-231

Flat cable; Eca; 3G 2.5 mm²; PVC; L + PE + N; 0.6/1 kV; 2,50 mm²; light gray

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# Downloads

Documentation

**Bid Text** 

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

# **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 mm²; 3-pole; gray

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**Installation Notes** 

**Product family** 

WINSTA® IDC

Show all products from the family

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