

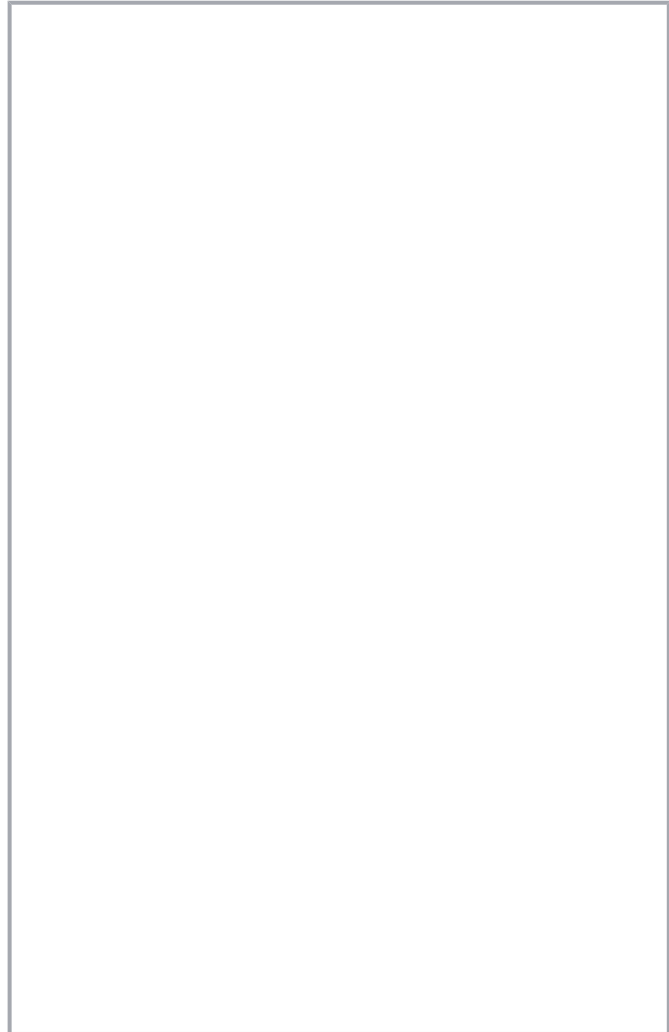
Data sheet | Item number: 772-261

Supply module; 5 x 2.5 mm² + 2 x 1.5 mm²; 5-pole; Cod. A; with strain relief housing; 4,00 mm²; black

www.wago.com/772-261



Color:



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

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



Item description

Supply module *WINSTA*® IDC rated current 25 A

The *WINSTA*® IDC supply module 5-pole is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors are useful when criteria repeat or are distributed on a specific grid, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (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. This pluggable installation connector can be used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® IDC

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, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Choose durability and quality – the *WINSTA*® IDC pluggable installation connector with marking from WAGO makes the electrical installation of electrical components significantly easier.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- for any mains application
- exact dimensions
- convenient installation and commissioning

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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Connection data

Connection points	10
Total number of potentials	5

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool Push-in
Nominal cross-section	4 mm ² / 12 AWG
Solid conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Solid conductor; push-in termination	1.5 ... 4 mm ² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1.5 mm ² / 16 AWG
Strip length	9 mm / 0.35 inches
Pole number	5

Connection 2

Connection technology 2	IDC connection
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Physical data

Width	50 mm / 1.969 inches
Height	46.5 mm / 1.831 inches
Depth	82.5 mm / 3.248 inches

Mechanical Data

Application	General mains applications
Coding	A
Variable coding	No
Marking	N $\frac{1}{3}$ L1 L2 L3

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



Potential marking	N ∇ L1 L2 L3
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 5 x 2.5 mm ² , 5 x 4 mm ² , 5 x 2.5 mm ² + 2 x 1.5 mm ²

Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> [®] components are 100% protected against mismating when: <ul style="list-style-type: none"> a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

Material Data

Note (material data)	Information on material specifications can be found here
Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	2.422 MJ
Weight	95 g

Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Flat cable for temperatures -15 °C to ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01

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



ETIM 8.0	EC002588
ETIM 7.0	EC002588
PU (SPU)	10 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454061999
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Required accessories

Mounting

Mounting accessories		
Item no.: 772-260		www.wago.com/772-260
Mounting plate; for power supply and tap-off modules; Plastic; black		

Optional accessories

Tool

Operating tool		
Item no.: 210-636		www.wago.com/210-636
Operating tool; Blade: 6.5 x 1.2 mm; with a partially insulated shaft; multicoloured		
Item no.: 210-635		www.wago.com/210-635
Operating tool; Blade: 6.5 x 1.2 mm; multicoloured		
Item no.: 210-720		www.wago.com/210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		

Cables and pluggable connectors

Flat cable		
Item no.: 897-251		www.wago.com/897-251
Flat cable; Eca; 5G 2.5 mm ² ; PVC; 3L + N + PE; 0.6/1 kV; 2,50 mm ² ; green		
Item no.: 897-262		www.wago.com/897-262
Flat cable; Cca; 5G 2.5 mm ² + 2 x 1.5 mm ² ; halogen-free; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm ² ; violet		
Item no.: 897-453		www.wago.com/897-453
Flat cable; 5G 4 mm ² ; halogen-free; 3L + N + PE; 0.6/1 kV; 4,00 mm ² ; black		
Item no.: 897-261		www.wago.com/897-261
Flat cable; Eca; 5G 2.5 mm ² + 2 x 1.5 mm ² ; PVC; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm ² ; violet		

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

Item no.: 897-252

Flat cable; B2ca; 5G 2.5 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 2,50 mm²; green

www.wago.com/897-252

Downloads

Documentation

Bid Text

772-261 X81 - Datei	2019 年2月19 日	xml 3.1 kB	Download
772-261 doc - Datei	2015 年6月2 日	doc 23.6 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 772-261	URL	Download
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CAE data

EPLAN Data Portal 772-261	URL	Download
ZUKEN Portal 772-261	URL	Download
WSCAD Universe 772-261	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 772-261 Supply module; 5 x 2.5 mm ² + 2 x 1.5 mm ² ; 5-pole; Cod. A; with strain relief housing; 4,00 mm ² ; black	URL	Download
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Installation Notes

Conductor termination

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Insert flat cable into base (observe coding!).



Mount IDC module flush with the base.

Should the IDC module jam during mounting, turn the upper part by 180° and remount it.

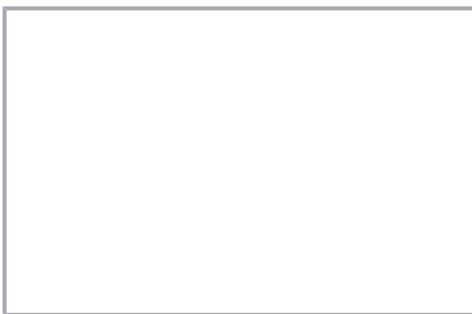


Screw down contact elements to the stop.

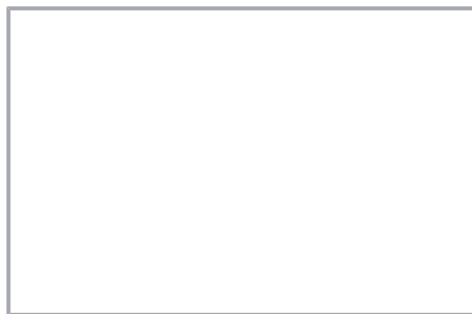


Connecting an installation cable to the supply module.

Stripped, solid conductors are simply pushed into unit. Open clamp via screwdriver to insert stripped, fine-stranded conductors.



Secure supply cable via strain relief housing.



Tighten strain relief screw using a screwdriver.

Installation

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



The mounting plate can be centrally mounted, or attached via outboard attachment points using 770-601 Mounting Pins.



Snapping a supply or tap-off module onto a mounting plate.

Security



Use insulating tape to seal the contact holes in the flat cable after removing a module.

Product family

WINSTA® IDC

[Show all products from the family](#)

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