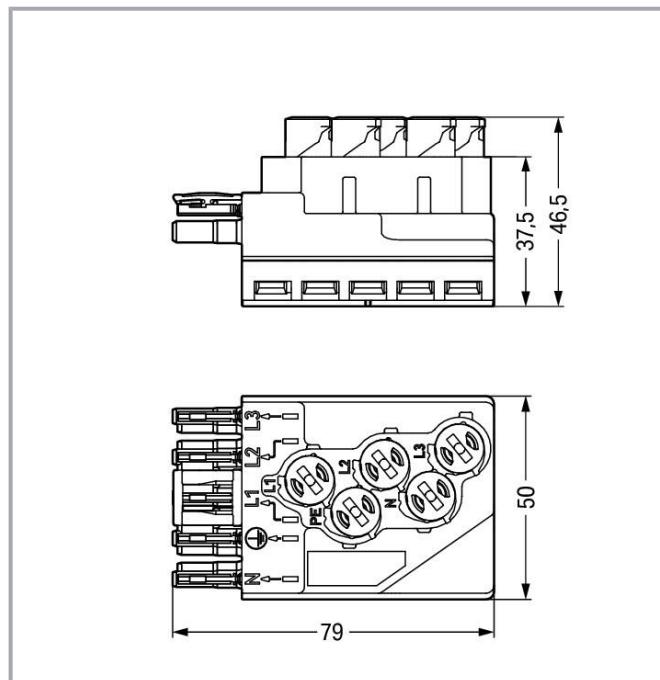




Color: ■



Item description

Tap-off module *W/INSTA*® IDC with protection type IP20

The *W/INSTA*® IDC tap-off module A coding allows assembly of fine-stranded and solid conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in seconds. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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!)). General mains applications for almost any domain of use can be realised with *W/INSTA*® IDC pluggable installation connectors with A coding. This pluggable installation connector is designed for a current load of up to 25 A. Therefore, it can also be used for high power loads.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

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

WAGO GmbH & Co. KG

Hansastr. 27

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Phone: +49 571 887-0 | Fax: +49 571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Now you can also lower installation expenses without compromising safety and quality: with marking eliminates the need for servicing and prevents unnecessary downtime.

-
- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- suitable for any application
- custom-engineered solutions
- fast, secure installation

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) \triangleq Overvoltage category III / Pollution degree 3

General information

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

Total number of potentials	5
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Connection 1

Connection technology	IDC connection
Actuation type	Operating tool
Pole number	5

Physical data

Width	50 mm / 1.969 inches
Height	46.5 mm / 1.831 inches

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

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Depth	79 mm / 3.11 inches
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Mechanical Data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	N \pm L1 L2 L3
Potential marking	N \pm L1 L2 L3
Retention force of a plug-in connection	When locked: > 80 N
Number of mating cycles	200, without resistive load
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 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
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

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	1.834 MJ

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

Weight

76.4 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
ETIM 8.0	EC002588
ETIM 7.0	EC002588
PU (SPU)	10 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454062002
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates**General approvals**

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1977	E45171

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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



Counterpart

	Item no.770-115 Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; black	www.wago.com/770-115
	Item no.770-215 Plug; 5-pole; Cod. A; 4,00 mm ² ; black	www.wago.com/770-215
	Item no.770-315 Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm ² ; black	www.wago.com/770-315
	Item no.770-415 Plug; 5-pole; Cod. A; 4,00 mm ² ; black	www.wago.com/770-415
	Item no.771-9995/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; black	www.wago.com/771-9995/006-101
	Item no.771-9995/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; black	www.wago.com/771-9995/206-101

Required accessories

Mounting

Mounting accessories

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

Cover

	Item no.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	www.wago.com/770-201
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	Item no.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white	www.wago.com/770-221
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Optional accessories

Tool

Operating tool

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

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**Item no.: 210-636**

Operating tool; Blade: 6.5 x 1.2 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-636**Item no.: 210-635**

Operating tool; Blade: 6.5 x 1.2 mm; multicoloured

www.wago.com/210-635**Cables and pluggable connectors****Flat cable****Item no.: 897-251**Flat cable; Eca; 5G 2.5 mm²; PVC; 3L + N + PE; 0.6/1 kV; 2,50 mm²; greenwww.wago.com/897-251**Item no.: 897-262**Flat cable; Cca; 5G 2.5 mm² + 2 x 1.5 mm²; halogen-free; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm²; violetwww.wago.com/897-262**Item no.: 897-453**Flat cable; 5G 4 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 4,00 mm²; blackwww.wago.com/897-453**Item no.: 897-261**Flat cable; Eca; 5G 2.5 mm² + 2 x 1.5 mm²; PVC; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm²; violetwww.wago.com/897-261**Item no.: 897-252**Flat cable; B2ca; 5G 2.5 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 2,50 mm²; greenwww.wago.com/897-252**Downloads****Documentation****Bid Text**

772-262	2019 Feb 19	xml	Download
X81 - Datei		3.4 kB	
772-262	2019 Feb 18	docx	Download
docx - Datei		15.7 kB	

CAD/CAE-Data**CAD data**

2D/3D Models 772-262	URL	Download
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Subject to changes. Please also observe the further product documentation!

CAE data

EPLAN Data Portal 772-262	URL	Download
WSCAD Universe 772-262	URL	Download
ZUKEN Portal 772-262	URL	Download

Asset Administration Shell

Asset Administration Shell 772-262	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 772-262	URL	Download
Tap-off module; for flat cable; 5 x 2.5 mm ² + 2 x 1.5 mm ² ; 5-pole; Cod. A; with cable connection on the output side; black		

Installation Notes

Conductor termination



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.

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



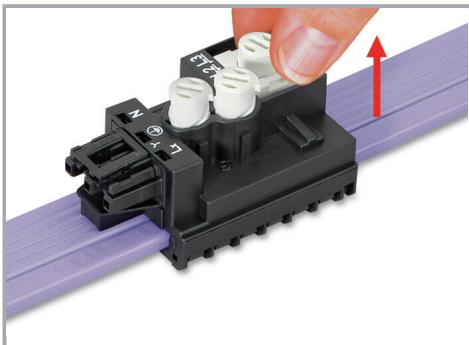
Screw down contact elements to the stop.



After connecting the flat cable, the IDC module is locked and can no longer be moved, even after unscrewing the contact element.



Notice: Should it be necessary to tap another phase, this must be done in a different location. To do so, the contact elements must be unscrewed and brought back to their original position.



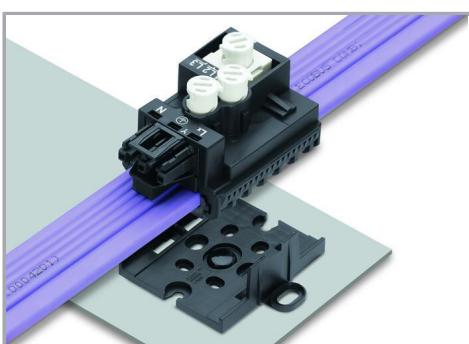
Lift contact element to unlock phase selector and select the new phase.

Notice: Do not reuse in the same location of the flat cable.

Installation



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.

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

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!

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