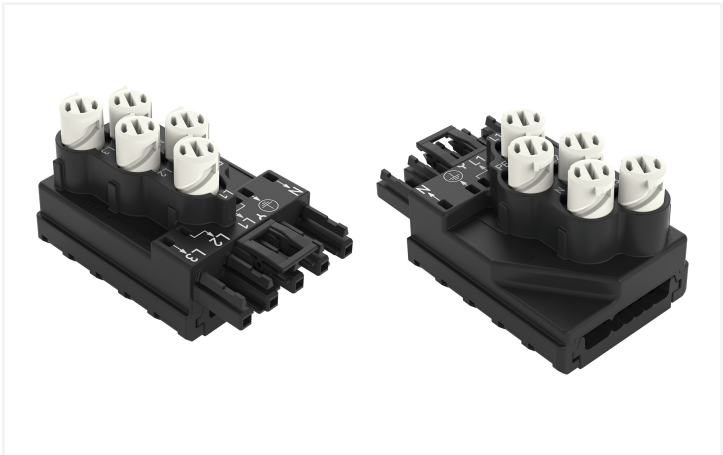


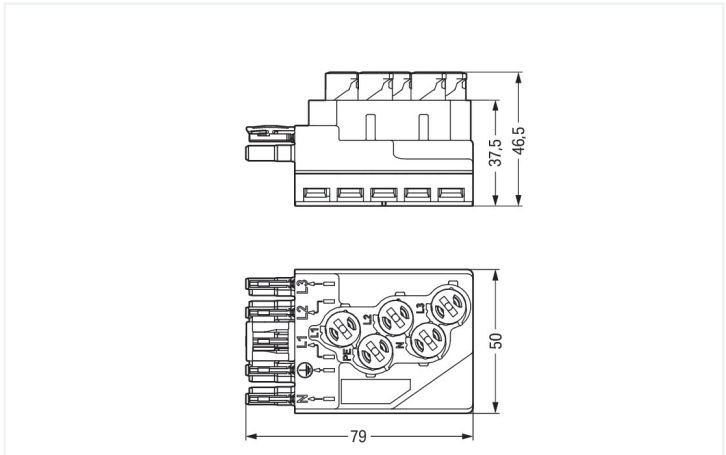
Data Sheet | Item Number: 772-262

Tap-off module; for flat cable; 5 x 2.5 mm² + 2 x 1.5 mm²; 5-pole; Cod. A; with cable connection on the output side; black

<https://www.wago.com/772-262>



Color: ■ black



Dimensions in mm

Tap-off module WINSTA® IDC with protection type IP20

The WINSTA® 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 WINSTA® 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!

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

Electrical data					General information	
Ratings per	IEC/EN 60664-1				Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Overvoltage category	III	III	II			
Pollution degree	3	2	2			
Nominal voltage	400 V	-	-			
Rated surge voltage	6 kV	-	-			
Rated current	25 A	-	-			

Connection data

Total number of potentials	5	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
Depth	79 mm / 3.11 inches

Mechanical data

Application	General mains applications
Coding	A
Variable coding	Yes
Marking	N L1 L2 L3
Potential marking	N 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
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

Approvals / Certificates			
General approvals		Declarations of conformity and manufacturer's declarations	
			
Approval	Standard	Certificate Name	
UL UL International Germany GmbH	UL 1977	E45171	
		Approval	Standard
		Certificate Name	
		EU-Declaration of Confor-	-
		mity	-
		WAGO GmbH & Co. KG	

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 772-262	

Documentation			
Bid Text			
772-262	18.02.2019	docx 15.34 KB	
772-262	19.02.2019	xml 3.29 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 772-262 	EPLAN Data Portal 772-262 
	WSCAD Universe 772-262 
	ZUKEN Portal 772-262 

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



- Item No.: 771-9995/206-101**
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black
- Item No.: 771-9995/006-101**
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; black

1.1.2 Male connector/plug

Item No.: 770-215
Plug; 5-pole; Cod. A; 4,00 mm²; black

Item No.: 770-415
Plug; 5-pole; Cod. A; 4,00 mm²; black

Item No.: 770-115
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

Item No.: 770-315
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; black

1.2 Required Accessories

1.2.1 Cover

1.2.1.1 Cover

Item No.: 770-201
Lockout cap; 12-pole, separable; for sockets; Plastic; black

Item No.: 770-221
Lockout cap; 12-pole, separable; for sockets; Plastic; white

1.2.2 Installation

1.2.2.1 Mounting accessories

Item No.: 772-260
Mounting plate; for power supply and tap-off modules; Plastic; black

1.3 Optional Accessories

1.3.1 Cables and connectors

1.3.1.1 Flat cable



Item No.: 897-453
Flat cable; 5G 4 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 4,00 mm²; black



Item No.: 897-252
Flat cable; B2ca; 5G 2.5 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 2,50 mm²; green



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; violet



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; violet



Item No.: 897-251
Flat cable; Eca; 5G 2.5 mm²; PVC; 3L + N + PE; 0.6/1 kV; 2,50 mm²; green

1.3.2 Tool

1.3.2.1 Operating tool



Item No.: 210-635
Operating tool; Blade: 6.5 x 1.2 mm; multi-coloured



Item No.: 210-636
Operating tool; Blade: 6.5 x 1.2 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Insert flat cable into base (observe coding!).



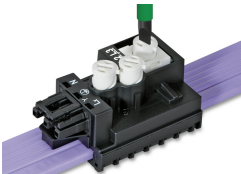
Mount IDC module flush with the base.
Should the IDC module jam during mounting, turn the upper part by 180° and re-mount it.



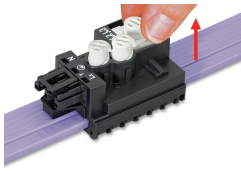
Screw down contact elements to the stop.



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

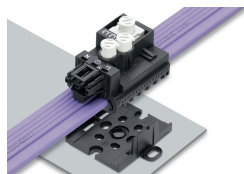


Notice: Should it be necessary to tap another phase, this must be done in a different location. To do so, the contact elements must be unscrewed and brought back to their original position.



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.

Security



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