

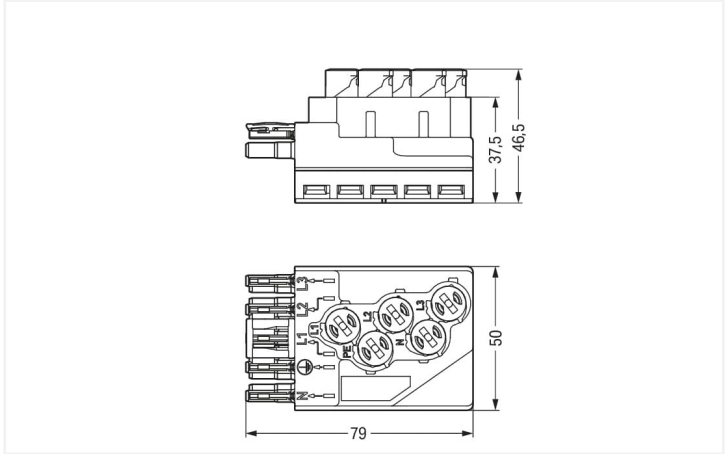
Data Sheet | Item Number: 772-268

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

<https://www.wago.com/772-268>



Color: ■ red



Dimensions in mm

Tap-off module *WINSTA*® IDC with protection type IP20

The *WINSTA*® IDC tap-off module P coding provides the foundation for installation of solid and fine-stranded conductors. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. 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!)). UPS applications for IT technology mostly use the red *WINSTA*® IDC pluggable installation connectors with P coding. This pluggable installation connector can be used for a voltage load of up to 25 A. Therefore, it can also be used for high power loads.

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

The *WINSTA*® Pluggable Connection System is ideally tailored to the 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 assembly times and errors during installation at the construction site. Choose quality and durability – with protection against mismatching from WAGO makes the installation of electrical components noticeably easier.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- with P coding for fault-free power supply
- ready for immediate use
- quick replacement of defective units during ongoing operation

Electrical data					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	
Overvoltage category		III	III	II	approx. 1 mΩ of contact resistance	
Pollution degree		3	2	2	approx. 0.25 mΩ contact transition plug/ socket	
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

Use	EDV (UPS)
Coding	P
Variable coding	No
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 mm², 5 x 4 mm², 5 x 2.5 mm² + 2 x 1.5 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
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	red
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	1.768 MJ
Weight	76 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 9.0	EC002588
ETIM 8.0	EC002588
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454599522
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 772-268	

Documentation

Bid Text			
772-268	18.02.2019	docx 15.36 KB	
772-268	19.02.2019	xml 3.29 KB	



CAD/CAE-Data

CAE data
WSCAD Universe 772-268



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-9975/206-101
pre-assembled connecting cable; Eca;
Plug/open-ended; 5-pole; Cod. P; H05VV-
F 5G 1.5 mm²; 1 m; 1,50 mm²; red

Item No.: 771-9975/006-101
pre-assembled interconnecting cable;
Eca; Socket/plug; 5-pole; Cod. P; H05VV-F
5G 1.5 mm²; 1 m; 1,50 mm²; red

1.1.2 Male connector/plug



Item No.: 770-1315
Plug; 5-pole; Cod. P; 4,00 mm²; red

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.: 897-252
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



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

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.



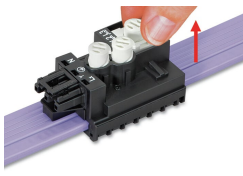
Screw down contact elements to the stop.



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

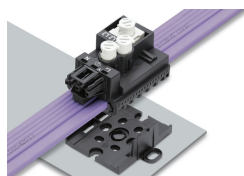


Notice: Should it be necessary to tap another phase, this must be done in a different location. To do so, the contact elements must be unscrewed and brought back to their original position.



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.