

## Fișă tehnică | Număr articol: 772-269

Tap-off module; for flat cable; 5 x 2.5 mm<sup>2</sup> + 2 x 1.5 mm<sup>2</sup>; 3-pole; Cod. P; with cable connection on the output side; red



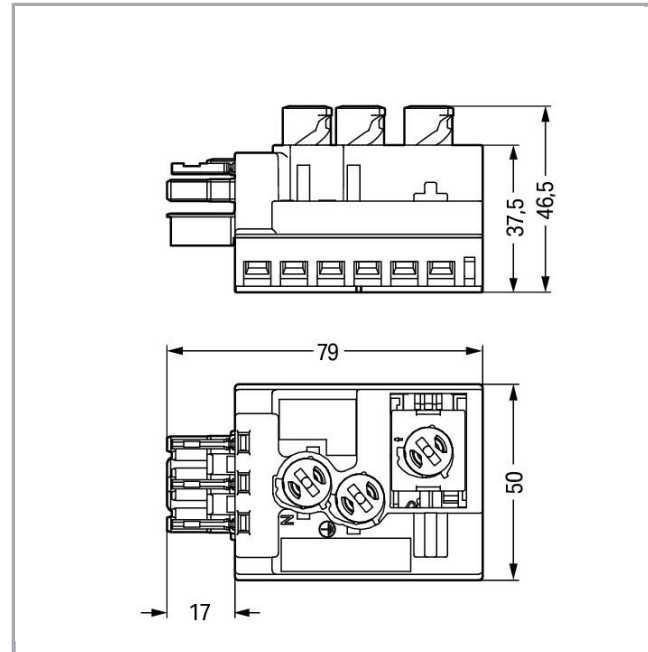
[www.wago.com/772-269](http://www.wago.com/772-269)



RoHS  Compliant

BOMcheck.net

Culoare: ■



### Descriere articol

- Suitable for bus and power lines or for bus and power combined in one cable
- Easy installation without line interruption due to convenient insulation displacement technology (IDC)
- WINSTA® IDC Supply and Tap-Off Modules allow connection at any location of the flat cable – one rotation per pole is all that is required

#### Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching when:

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

Supus modificărilor.

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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

**Date****Electrical data**

Note on Contact Resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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**Ratings per IEC/EN 60664-1**

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

**Connection data**

Connection technology	IDC
Actuation type	Operating tool
Pole No.	3
Total number of potentials	3

**Geometrical Data**

Width	49 mm / 1.929 inch
Height	46,5 mm / 1.831 inch
Depth	79 mm / 3.11 inch

**Mechanical data**

Coding	P
Mating force of a plug-in connection	approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	when unlocked: approx. 15 ... 20 N
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A, tested (4 mm <sup>2</sup> /12 AWG)
Marking	L N
Protection type	IP20

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Note on protection type	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	L N
Suitable	for flat cable 5 x 2.5 mm <sup>2</sup> , 5 x 4 mm <sup>2</sup> , 5 x 2.5 mm <sup>2</sup> + 2 x 1.5 mm <sup>2</sup>

### Plug connection

Mismatching protection	Yes
Locking of plug-in connection	locking lever

### Material Data

Color	red
Insulation material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	1,833 MJ
Weight	69,7 g



### Environmental Requirements

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

### Commercial data

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	DE
GTIN	4045454599539
Customs tariff number	85366990990

### Counterpart

	<b>Nr. articol770-1313</b> Plug; 3-pole; Cod. P; 4,00 mm <sup>2</sup> ; red	<a href="http://www.wago.com/770-1313">www.wago.com/770-1313</a>
	<b>Nr. articol771-9973/006-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. P; H05VV-F 3G 1.5 mm <sup>2</sup> ; 1 m; 1,50 mm <sup>2</sup> ; red	<a href="http://www.wago.com/771-9973/006-101">www.wago.com/771-9973/006-101</a>
	<b>Nr. articol771-9973/206-101</b>	<a href="http://www.wago.com/771-9973">www.wago.com/771-9973</a>

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pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. P; H05VV-F 3G 1.5 mm<sup>2</sup>; 1 m; /206-101  
1,50 mm<sup>2</sup>; red

## Produse compatibile

### tools

	<b>Nr. articol: 210-635</b> Operating tool; Blade: 6.5 x 1.2 mm	<a href="http://www.wago.com/210-635">www.wago.com/210-635</a>
	<b>Nr. articol: 210-636</b> Operating tool; Blade: 6.5 x 1.2 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-636">www.wago.com/210-636</a>

### wiring and connectors

	<b>Nr. articol: 897-251</b> pre-assembled flat cable; Eca; 5G 2.5 mm <sup>2</sup> ; PVC; 3L + N + PE; 0.6/1 kV; 2,50 mm <sup>2</sup> ; acid green	<a href="http://www.wago.com/897-251">www.wago.com/897-251</a>
	<b>Nr. articol: 897-252</b> pre-assembled flat cable; B2ca; 5G 2.5 mm <sup>2</sup> ; halogen-free; 3L + N + PE; 0.6/1 kV; 2,50 mm <sup>2</sup> ; acid green	<a href="http://www.wago.com/897-252">www.wago.com/897-252</a>
	<b>Nr. articol: 897-261</b> Flat cable; 5G 2.5 mm <sup>2</sup> + 2 x 1.5 mm <sup>2</sup> ; PVC; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm <sup>2</sup> ; violet	<a href="http://www.wago.com/897-261">www.wago.com/897-261</a>
	<b>Nr. articol: 897-262</b> Flat cable; 5G 2.5 mm <sup>2</sup> + 2 x 1.5 mm <sup>2</sup> ; halogen-free; 3L + N + PE + 2 buses; 0.6/1 kV; 2,50 mm <sup>2</sup> ; violet	<a href="http://www.wago.com/897-262">www.wago.com/897-262</a>
	<b>Nr. articol: 897-453</b> Flat cable; 5G 4 mm <sup>2</sup> ; halogen-free; 3L + N + PE; 0.6/1 kV; 4,00 mm <sup>2</sup> ; black	<a href="http://www.wago.com/897-453">www.wago.com/897-453</a>

## Descărcări

### CAD/CAE-Data

#### CAE data

WSCAD Universe 772-269	<a href="#">URL</a>	<a href="#">Descărcare</a>
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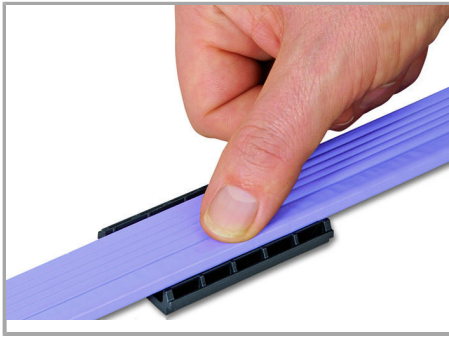
## Installation Notes

### Conductor termination

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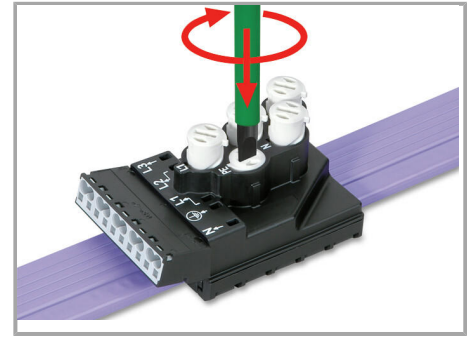
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Insert flat cable into base (observe coding!).

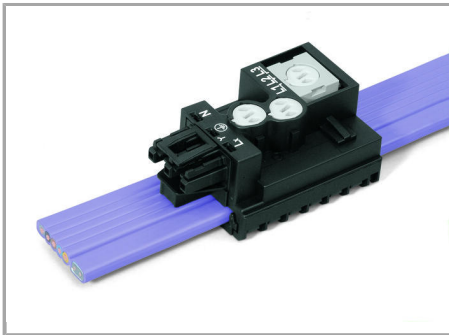


Mount IDC module flush with the base.



Screw down contact elements until element stops.

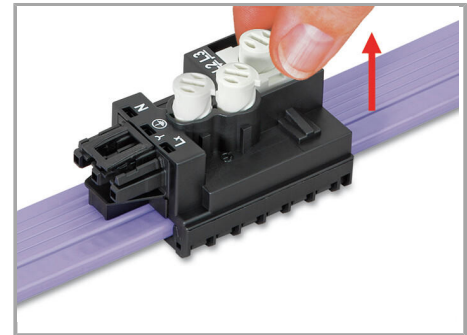
Should the IDC module jam during mounting, turn the upper part by 180° and remount it.



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.

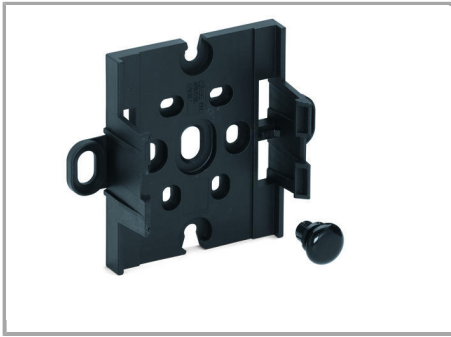


Lift contact element to unlock phase selector and select the new phase.

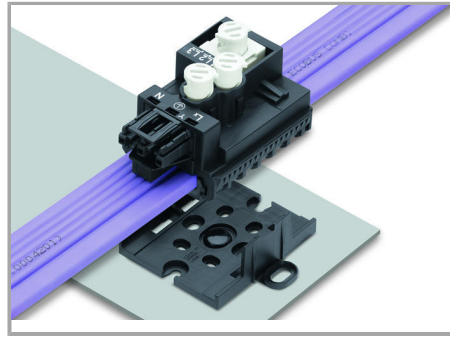
Notice: Do not reuse in the same location of the flat cable.

## Installation

Supus modificărilor.

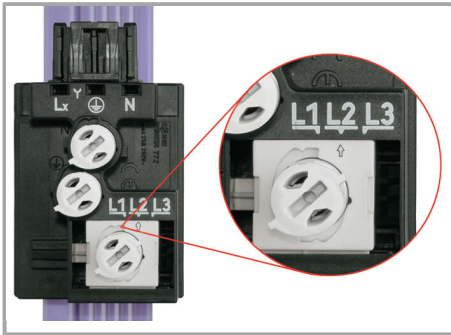


The mounting plate can be centrally mounted, or attached via outboard attachment points using 770-601 Mounting Pins.

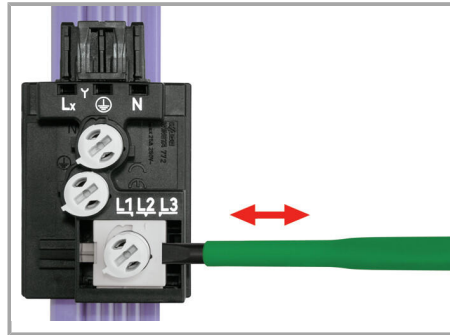


Snapping a supply or tap-off module onto a mounting plate.

### Application



The phase selector is in position L2 (center) when delivered.



Move the phase selector into position L1 or L3 if required.

### Safety

Supus modificărilor.



After removing the module, the contact holes in the flat cable must be sealed using insulating tape.

### Familie de produse

*WINSTA*® IDC

Afișare globală produse din familie.

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