

## Data sheet | Item number: 772-262

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



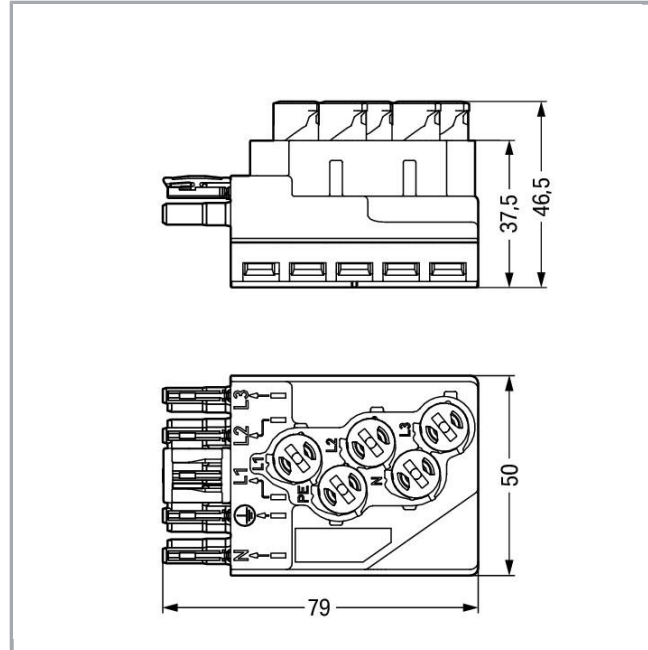
[www.wago.com/772-262](http://www.wago.com/772-262)



RoHS Compliant

BOMcheck.net

Color:



### Item description

- 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

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

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## Data

### Electrical data

|                            |   |
|----------------------------|---|
| Note on Contact Resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |
|----------------------------|---|

### Ratings per IEC/EN 60664-1

|                                 |   |
|---------------------------------|---|
| Ratings per                     | IEC/EN 60664-1  |
| Rated 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 |

### Connection data

|                            |                |
|----------------------------|----------------|
| Connection technology      | IDC            |
| Actuation type             | Operating tool |
| No. of poles               | 5              |
| Total number of potentials | 5              |

### Geometrical Data

|        |                      |
|--------|----------------------|
| Width  | 50 mm / 1.969 inch   |
| Height | 46,5 mm / 1.831 inch |
| Depth  | 79 mm / 3.11 inch    |

### Mechanical data

|   |  |
|---|--|
| Coding                                  | A  |
| 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<br>100, with resistive load $I_N = 25$ A, tested (4 mm <sup>2</sup> /12 AWG) |
| Marking                                 | N L1 L2 L3   |
| Protection class                        | IP20   |

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



|                          |  |
|--------------------------|--|
| Note on protection class | Only when mated (these compact connectors are not designed for use in open, easily accessible areas).              |
| Potential marking        | N L1 L2 L3   |
| Application              | General mains applications   |
| 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

|                               |               |
|-------------------------------|---------------|
| Mismating protection          | Yes           |
| Locking of plug-in connection | locking lever |

### Material Data

|                     |  |
|---------------------|--|
| Color               | black                                    |
| Insulating material | Polyamide 66 (PA 66)                     |
| Contact material    | Copper or copper alloy (surface-treated) |
| Fire load           | 1.772 MJ                                 |
| Weight              | 76.4 g                                   |

### Environmental Requirements

|  |   |
|--|---|
| Processing temperature                 | -5 ... +40 °C   |
| Continuous operating temperature       | -35 ... +85 °C  |
| Note on Continuous Service 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               | 4045454062002 |
| Customs Tariff No. | 85366990990   |

### Approvals / Certificates

#### UL-Approvals

| Logo | Approval                                   | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
|      | <b>UL</b><br>UL International Germany GmbH | UL 1977                  | E45171           |

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## Counterpart



**Item no. 770-115**  
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-115](http://www.wago.com/770-115)



**Item no. 770-215**  
Plug; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-215](http://www.wago.com/770-215)



**Item no. 770-315**  
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-315](http://www.wago.com/770-315)



**Item no. 770-415**  
Plug; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black

[www.wago.com/770-415](http://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<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

[www.wago.com/771-9995/006-101](http://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<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

[www.wago.com/771-9995/206-101](http://www.wago.com/771-9995/206-101)

## Compatible products

### wiring and connectors

**Item no.: 897-251**  
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

[www.wago.com/897-251](http://www.wago.com/897-251)

**Item no.: 897-252**  
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

[www.wago.com/897-252](http://www.wago.com/897-252)

**Item no.: 897-261**  
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

[www.wago.com/897-261](http://www.wago.com/897-261)



**Item no.: 897-262**  
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

[www.wago.com/897-262](http://www.wago.com/897-262)



**Item no.: 897-453**  
Flat cable; 5G 4 mm<sup>2</sup>; halogen-free; 3L + N + PE; 0.6/1 kV; 4,00 mm<sup>2</sup>; black

[www.wago.com/897-453](http://www.wago.com/897-453)

### tools

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

Item no.: 210-635

Operating tool; Blade: 6.5 x 1.2 mm

[www.wago.com/210-635](http://www.wago.com/210-635)

Item no.: 210-636

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

[www.wago.com/210-636](http://www.wago.com/210-636)

#### protection

Item no.: 770-201

Lockout cap; 12-pole, separable; 12-pole; for sockets; black

[www.wago.com/770-201](http://www.wago.com/770-201)

Item no.: 770-221

Lockout cap; for socket; 12-pole; separable; white

[www.wago.com/770-221](http://www.wago.com/770-221)

#### assembling

Item no.: 772-260

Mounting plate; for power supply and tap-off modules; Plastic; black

[www.wago.com/772-260](http://www.wago.com/772-260)

## Downloads

### CAD/CAE-Data

#### CAD data

2D/3D Models 772-262

[URL](#)

[Download](#)

#### CAE data

EPLAN Data Portal 772-262

[URL](#)

[Download](#)

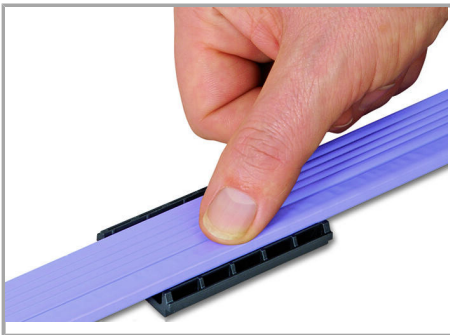
WSCAD Universe 772-262

[URL](#)

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## Installation Notes

### Conductor termination



Insert flat cable into base (observe coding!).

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

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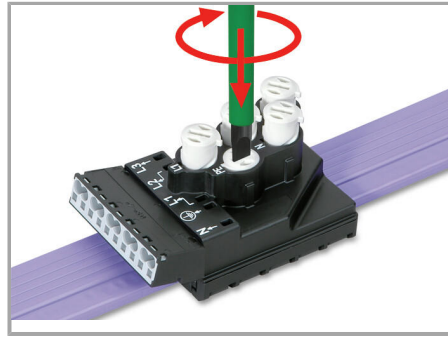
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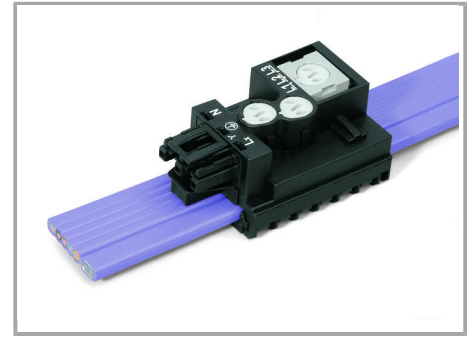


Mount IDC module flush with the base.

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

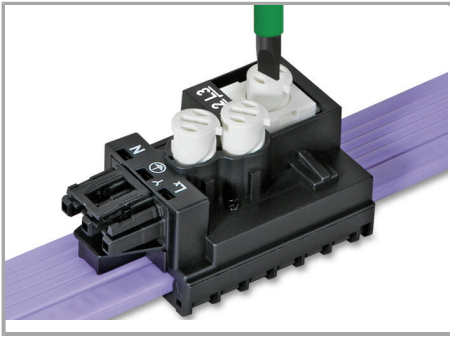


Screw down contact elements until element stops.

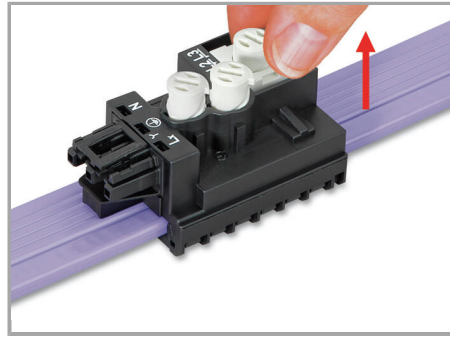


After connecting the flat cable, the IDC module is locked and can no longer be moved, even after unscrewing the contact element.

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



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.



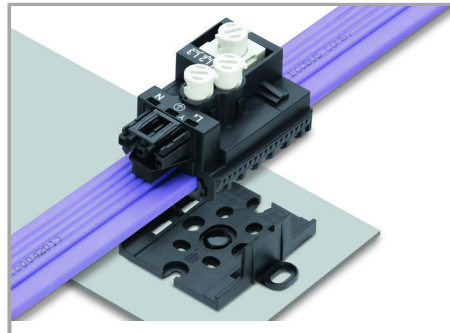
Lift contact element to unlock phase selector and select the new phase.

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.

#### Safety

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



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

### Product family

*WINSTA*<sup>®</sup> IDC

[Show all products from the family](#)

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