

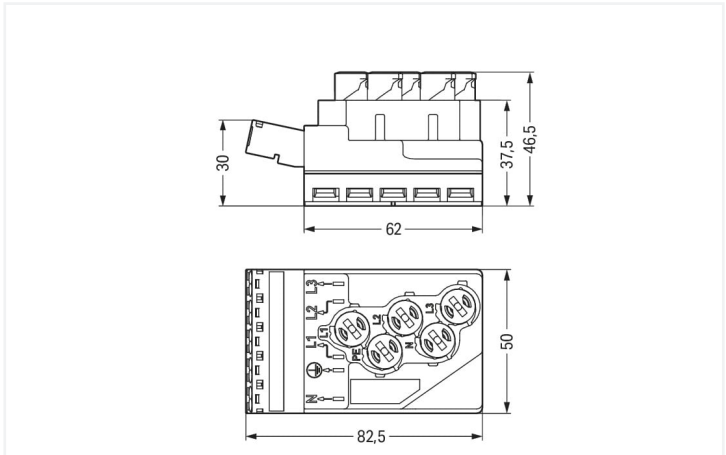
Data Sheet | Item Number: 772-261

Supply module; 5 x 2.5 mm² + 2 x 1.5 mm²; 5-pole; Cod. A; with strain relief housing; 4,00 mm²; black

<https://www.wago.com/772-261>



Color: ■ black



Dimensions in mm

Supply module WINSTA® IDC A coding

The WINSTA® IDC supply module rated current 25 A supports fast, reliable installation. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow fast, efficient, error-free installation in a large number of applications. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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!)). Thanks to the color coding and mechanical A coding of WINSTA® IDC pluggable installation connectors, you can clearly distinguish different circuits. Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 25 A – as a result it is suitable for robust loads.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- suitable for any application
- ready for immediate use
- convenient installation and commissioning

| 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

|                            |    |
|----------------------------|----|
| Clamping units             | 10 |
| Total number of potentials | 5  |

## Connection 1

|                                                            |                                  |
|------------------------------------------------------------|----------------------------------|
| Connection technology                                      | Push-in CAGE CLAMP®              |
| Actuation type                                             | Operating tool<br>Push-in        |
| Nominal cross-section                                      | 4 mm² / 12 AWG                   |
| Solid conductor                                            | 0.5 ... 4 mm² / 20 ... 12 AWG    |
| Solid conductor; push-in termination                       | 1.5 ... 4 mm² / 16 ... 12 AWG    |
| Stranded conductor                                         | 0.5 ... 2.5 mm² / 20 ... 14 AWG  |
| Fine-stranded conductor                                    | 0.5 ... 4 mm² / 20 ... 12 AWG    |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 1.5 mm² / 20 ... 16 AWG |
| Fine-stranded conductor; with uninsulated ferrule          | 0.25 ... 2.5 mm² / 20 ... 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1.5 mm² / 16 AWG                 |
| Strip length                                               | 9 mm / 0.35 inches               |
| Pole number                                                | 5                                |

## Connection 2

|                       |                |
|-----------------------|----------------|
| Connection technology | IDC connection |
|-----------------------|----------------|

## Physical data

|        |                        |
|--------|------------------------|
| Width  | 50 mm / 1.969 inches   |
| Height | 46.5 mm / 1.831 inches |
| Depth  | 82.5 mm / 3.248 inches |

## Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Use                                     | General mains applications                                                                                    |
| Coding                                  | A                                                                                                             |
| 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                                                                                           |
| 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:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>d.) plugging one pole |



| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | black                                                                    |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 2.386 MJ                                                                 |
| Weight                             | 95 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)<br>Flat cable for temperatures –15 °C to ≤ 70 °C (including halogen-free)<br>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                  | 4045454061999 |
| Customs tariff number | 85366990990   |

| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 772-261

↓

| Documentation |            |                 |   |
|---------------|------------|-----------------|---|
| Bid Text      |            |                 |   |
| 772-261       | 02.06.2015 | doc<br>23.00 KB | ↓ |
| 772-261       | 19.02.2019 | xml<br>3.02 KB  | ↓ |



| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 772-261 | EPLAN Data Portal 772-261 |
|                      | WSCAD Universe 772-261    |
|                      | ZUKEN Portal 772-261      |

| 1 Compatible Products        |
|------------------------------|
| 1.1 Required Accessories     |
| 1.1.1 Installation           |
| 1.1.1.1 Mounting accessories |



[Item No.: 772-260](#)  
Mounting plate; for power supply and tap-off modules; Plastic; black

| 1.2 Optional Accessories    |
|-----------------------------|
| 1.2.1 Cables and connectors |
| 1.2.1.1 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

| 1.2.2 Tool             |
|------------------------|
| 1.2.2.1 Operating tool |



[Item No.: 210-720](#)  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



[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!).

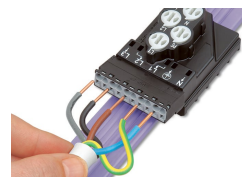


Mount IDC module flush with the base.

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



Screw down contact elements to the stop.



Connecting an installation cable to the supply module.

Stripped, solid conductors are simply pushed into unit. Open clamp via screwdriver to insert stripped, fine-stranded conductors.



Secure supply cable via strain relief housing.

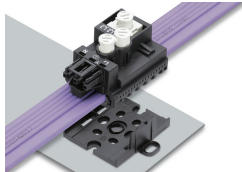


Tighten strain relief screw using a screwdriver.

## 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.