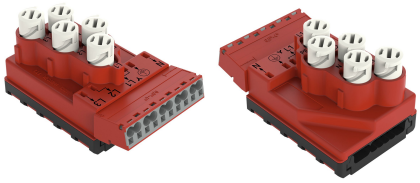
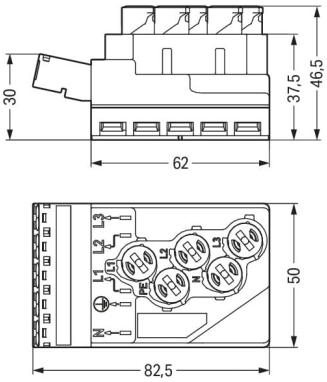
Data Sheet | Item Number: 772-267

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

https://www.wago.com/772-267



Color: red



Dimensions in mm

Supply module *WINSTA*® IDC 5-pole

The *WINSTA*® IDC supply module with protection against mismating provides the foundation for installation of solid and fine-stranded conductors. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in seconds. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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!)). *WINSTA*® IDC pluggable installation connectors with P coding allow proper implementation of an uninterruptible power supply (UPS). This pluggable installation connector can be employed for a voltage load of up to 25 A. As a result, it can also be used for high power loads.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® IDC

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – with marking from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with P coding for use in implementing an uninterruptible power supply
- custom-engineered solutions
- fast, secure installation

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	25 A	-	-

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection data

Clamping units	10
Total number of potentials	5

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool 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	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
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

Continued on next page

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	2.242 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) 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	4045454599515
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 772-267

Documentation

Bid Text

772-267	02.06.2015	doc 23.00 KB	
772-267	19.02.2019	xml 3.03 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 772-267	WSCAD Universe 772-267

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; multicoloured

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

Continued on next page

Installation Notes

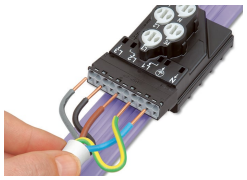
Conductor termination

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 remount it.

Screw down contact elements to the stop.



Connecting an installation cable to the supply module.

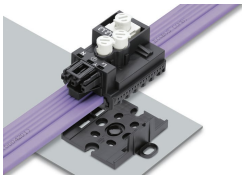
Stripped, solid conductors are simply pushed into unit. Open clamp via screwdriver to insert stripped, fine-stranded conductors.

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.