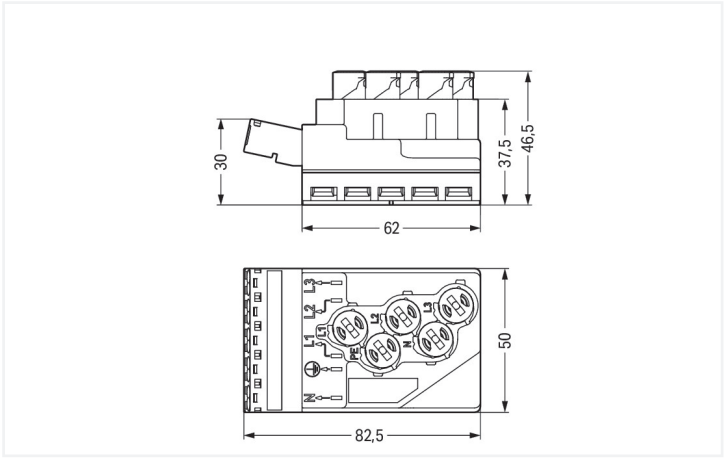
Data Sheet | Item Number: 772-267

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 with protection type IP20

The *WINSTA*® IDC supply module 5-pole is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector offers touch-proof protection with live components 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 are employed for applications involving uninterruptible power supplies. The rated current and voltage are important criteria for selecting a pluggable installation connector: They provide information about possible domains of use and applications. This product has a current rating of 25 A – as a result it is also 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. Choose quality and durability – with protection against mismating from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- with P coding for use in implementing an uninterruptible power supply
- ready for immediate use
- rapid, structured electrical installation

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated impulse withstand 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	2.307 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)
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454599515
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01
ETIM 9.0	EC002588
ETIM 10.0	EC002588
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 772-267

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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

2D/3D Models 772-267

CAE data

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

Continued on next page

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

Installation Notes

Conductor termination



Insert flat cable into base (observe coding!).

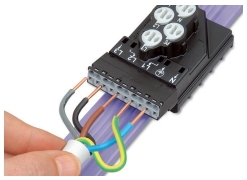


Mount IDC module flush with the base.

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.

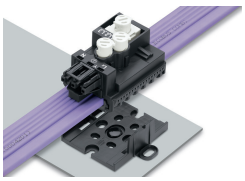


Tighten strain relief screw using a screwdriver.

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.