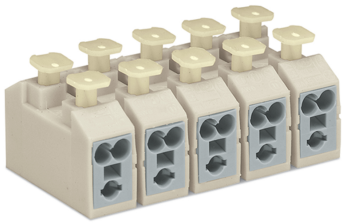
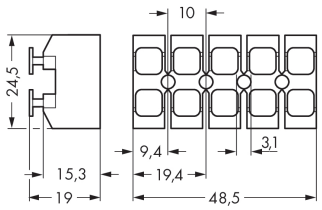
Data Sheet | Item Number: 272-305

Power supply connector; push-button on both sides; without snap-in mounting feet; without ground contact; 5-pole; white

https://www.wago.com/272-305



Color: white



Dimensions in mm

Field-wiring terminal block, 272 Series, PUSH WIRE®

Quick and easy connections are guaranteed with this field-wiring terminal block (item number 272-305). Conductors should only be connected to this field-wiring terminal block if their strip length is between 8 and 9 mm . Featuring one conductor terminal along with PUSH WIRE®, this connector is highly versatile. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. The item's dimensions are (48.5 x 19 x 24.5) mm (width x height x depth). Depending on the type of conductor, this field-wiring terminal block is designed for conductor cross sections ranging from 0.5 mm² to 1.5 mm² on one side and for conductor cross sections from 0.5 mm² to 2.5 mm² on the other side.

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	-	4 kV	-
Rated current	-	18 A	-

Connection Data

Clamping units	20
Total number of potentials	5
Number of connection types	1

Connection 1

Connection technology	PUSH WIRE®
Solid conductor	0.5 … 1.5 mm² / 20 … 16 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches
Pole number	5

Connection 2

Solid conductor	0.5 … 2.5 mm² / 20 … 14 AWG

Continued on next page

Physical data

Width	48.5 mm / 1.909 inches
Height	19 mm / 0.748 inches
Depth	24.5 mm / 0.965 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.23 MJ
Weight	15.4 g

Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
PU (SPU)	250 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4044918397209
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	70048844
UR Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 272-305

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Mounting accessories

Item No.: 271-702
Pins; white

Item No.: 271-711
Pins; white

Item No.: 271-712
Pins; white

1.1.2 Tool

1.1.2.1 Assembly tool



Item No.: 249-100
Operating tool; for terminal blocks with snap-in ground contact