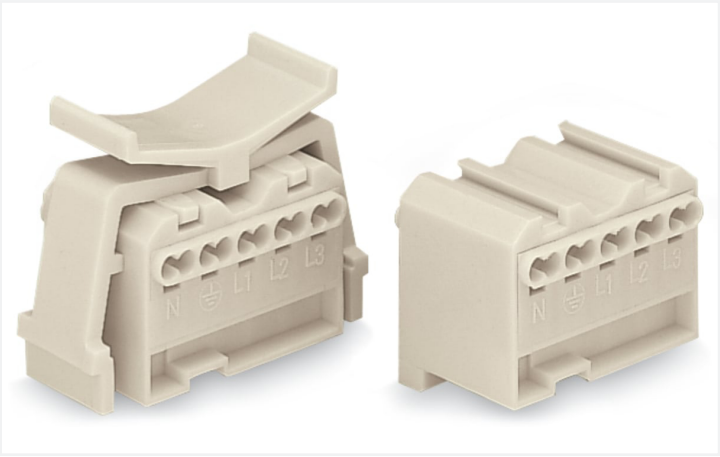
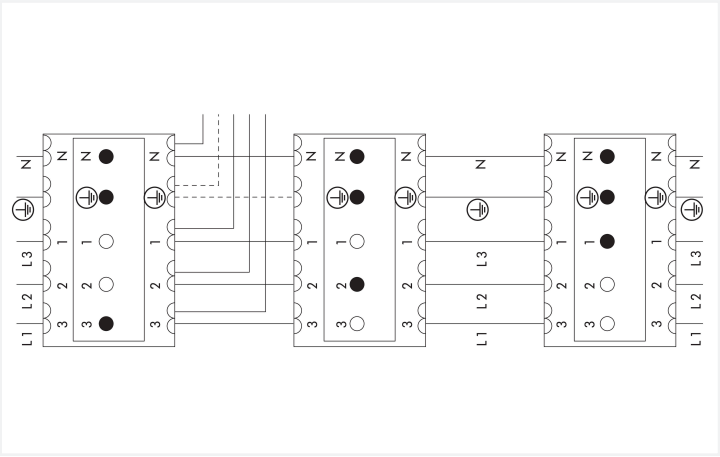
Data Sheet | Item Number: 277-121

Female connector; 5-pole; white

https://www.wago.com/277-121

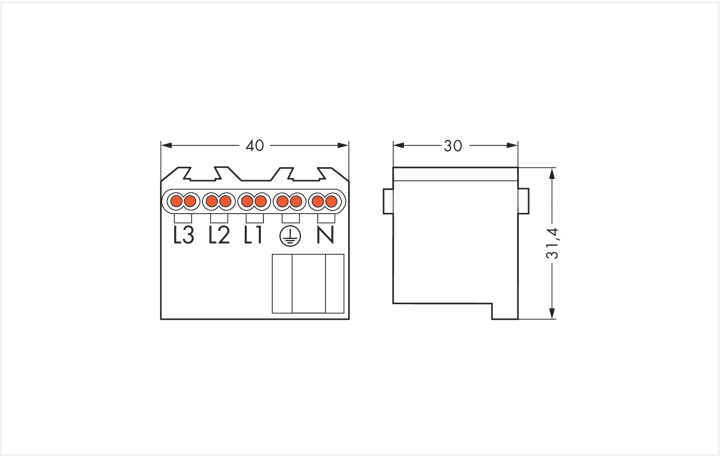
DISCONTINUED:
03.07.2024





Color: white

Similar to illustration



Dimensions in mm

Female connector, 277 Series, white

Seamless electrical installations are guaranteed with this female connector (item number 277-121). Strip lengths must be between 11 and 12 mm when connecting conductors to this female connector. Featuring one conductor terminal along with PUSH WIRE®, this connector delivers reliable performance. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. The dimensions are (30 x 31.4 x 40) mm (width x height x depth). This female connector is suitable for conductor cross-sections ranging from 1.5 mm² to 2.5 mm².

Tin is used for coating the contact surfaces.

- The right solution for every wiring task
- Permanently secure connections

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	-	16 A	-

Connection Data

Number of connection types	1

Connection 1

Connection technology	PUSH WIRE®
Solid conductor	1.5 … 2.5 mm² / 16 … 14 AWG
Strip length	11 … 12 mm / 0.43 … 0.47 inches
Pole number	5

Physical data

Width	30 mm / 1.181 inches
Height	31.4 mm / 1.236 inches
Depth	40 mm / 1.575 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	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact Plating	Tin
Fire load	0.444 MJ
Weight	23.6 g

Environmental requirements

Temperature stability	105 °C

Commercial data

PU (SPU)	250 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4044918472050
Customs tariff number	85366990990
End of Sale	2024-07-03
End of Production	2024-12-28
End of Delivery	2024-12-31
End of Service and Repair	2025-07-03

Continued on next page

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-44-03-14
eCl@ss 9.0	27-44-03-14
ETIM 9.0	EC002560
ETIM 10.0	EC002560
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	70048855
UL Underwriters Laboratories Inc.	UL 1977	UL-US-L45171-12-52204002
UR Underwriters Laboratories Inc.	UL 1059	E45172
VDE VDE Prüf- und Zertifizierungsinstitut	EN 61984	40029569

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 277-121

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

Continued on next page

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 277-121	EPLAN Data Portal 277-121
	WSCAD Universe 277-121
	ZUKEN Portal 277-121