Data Sheet | Item Number: 281-490

Jumper; 10-way; insulated; gray

https://www.wago.com/281-490



Color: gray

Technical data	
Number of spacings	10 -times

Physical data	
Width	58.3 mm / 2.295 inches
Height	5 mm / 0.197 inches
Depth	20.6 mm / 0.811 inches

Material data	
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.041 MJ
Weight	8.1 g

Commercial data	
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918524308
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 9.0	EC000489
ETIM 10.0	EC000489
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 281-490

Documentation

Bid Text

281-490	19.02.2019	xml 2.54 KB	
281-490	28.04.2017	doc 24.00 KB	

CAD/CAE-Data

CAD data

2D/3D Models 281-490

CAE data

EPLAN Data Portal 281-490

WSCAD Universe 281-490

ZUKEN Portal 281-490

Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 Tool

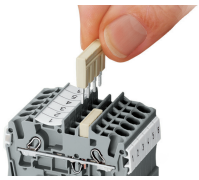
1.1.1.1 Operating tool



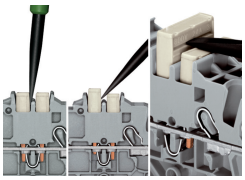
Item No.: 281-440
Operating tool; made of insulating material; 5-way

Installation Notes

Commoning



Insert push-in type jumper bar and push down until it hits backstop.



Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

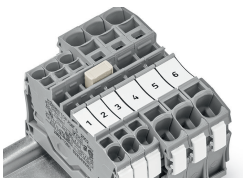


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

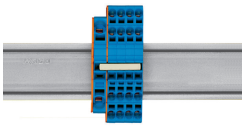


Marking with a felt-tip pen.

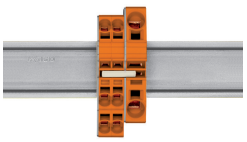
Commoning



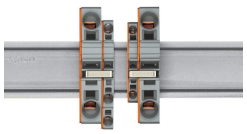
Stepping down via push-in type jumper bar.



Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).



Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).



Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.