Data Sheet | Item Number: 282-432/100-000

Jumper; 2-way; insulated; orange

https://www.wago.com/282-432/100-000





Color: orange

Electrical data

Rated current	30 A

Material data

Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.019 MJ
Weight	2.8 g

Commercial data

PU (SPU)	50 (10) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821096368
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

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Environmental requirements

Processing temperature (min.)	-35 °C
Processing temperature (max.)	85 °C
Processing temperature	-35 … +85 °C
Continuous operating temperature from	-60 °C
Continuous operating temperature up to	105 °C
Continuous operating temperature	-60 … +105 °C

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
282-432/100-000

Documentation

Bid Text

282-432/100-000	19.02.2019	xml 2.55 KB	
282-432/100-000	03.03.2017	doc 23.50 KB	

CAD/CAE-Data

CAD data

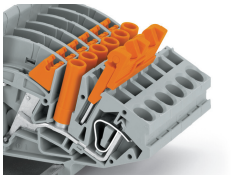
2D/3D Models
282-432/100-000

CAE data

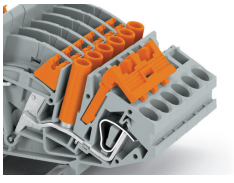
WSCAD Universe
282-432/100-000

Installation Notes

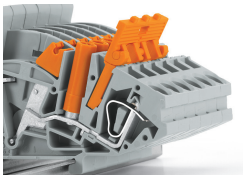
Commoning



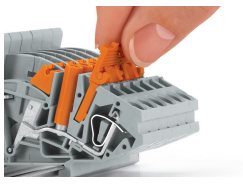
Jumper with safety lid
Jumper in pre-locked position



Jumper with safety lid
Longitudinal switching disconnect terminal blocks with inserted jumper, including safety lid



Jumper with safety lid
Jumper with raised safety lid



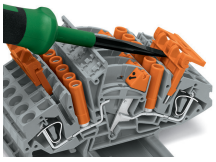
Jumper with safety lid
Removing a jumper via safety lid.

Continued on next page

Commoning

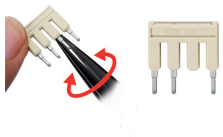


Jumper with safety lid
Remove jumper via operating tool.

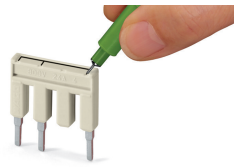


Jumper with safety lid
Remove jumper via operating tool.

Commoning

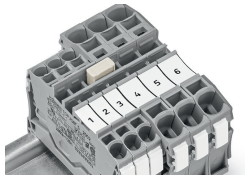


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

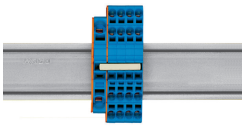


Marking with a felt-tip pen.

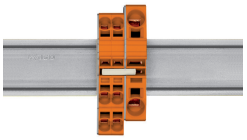
Commoning



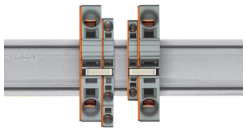
Stepping down via push-in type jumper bar.



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.