Data Sheet | Item Number: 283-414

Step-down jumper; from 283 to 281 series; insulated; gray

https://www.wago.com/283-414



Color: gray

Electrical data	
Rated current	32 A

Physical data	
Width	8.4 mm / 0.331 inches
Height	13.4 mm / 0.528 inches
Depth	38.7 mm / 1.524 inches

Material data	
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.031 MJ
Weight	4.9 g

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918398589
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 283-414

Documentation

Bid Text

283-414	19.02.2019	xml 2.55 KB	
283-414	12.06.2017	doc 23.00 KB	

CAD/CAE-Data

CAD data

2D/3D Models 283-414

CAE data

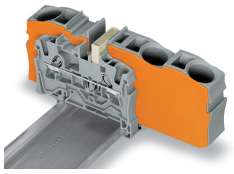
WSCAD Universe 283-414

ZUKEN Portal 283-414

Installation Notes

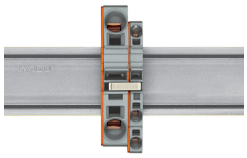
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Commoning



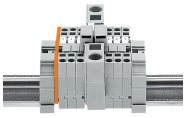
Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.
Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using push-in type jumper bars.

Commoning

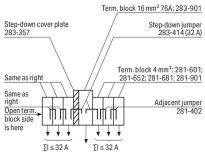


Using step-down jumpers, an end plate must be inserted between the terminal blocks to be commoned.

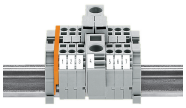
Commoning



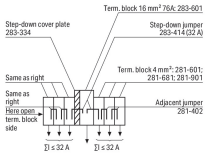
Commoning from 16 mm²/6 AWG (283 Series) to 4 mm²/12 AWG (281 Series) rail-mount terminal blocks via step-down jumpers.



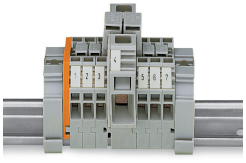
Assembly example: Commoning from 16 mm²/6 AWG to 4 mm²/12 AWG rail-mount terminal blocks via step-down jumper (283-414).



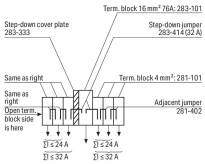
Commoning from 16 mm²/6 AWG (283 Series) to 4 mm²/12 AWG (281 Series) rail-mount terminal blocks via step-down jumpers.



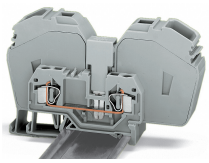
Assembly example: Commoning from 16 mm²/6 AWG to 4 mm²/12 AWG rail-mount terminal blocks via step-down jumper (283-414).



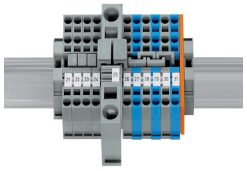
Commoning from 16 mm²/6 AWG (283 Series) to 4 mm²/12 AWG (281 Series) rail-mount terminal blocks via step-down jumpers.



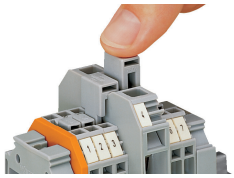
Assembly example: Commoning from 16 mm²/6 AWG to 4 mm²/12 AWG rail-mount terminal blocks via step-down jumper (283-414).



Commoning with step-down jumper (283-414) from
285 Series (35 mm²/2 AWG) to 281 Series terminal blocks (4 mm²/12 AWG).



Commoning from 16 mm²/6 AWG (283 Series) to 4 mm²/12 AWG (281 Series) rail-mount terminal blocks via step-down jumpers.



Commoning side-entry rail-mount terminal blocks via step-down jumpers.
Push down the step-down jumper until fully inserted.

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