Data Sheet | Item Number: 284-413

Step-down jumper; from 284/282 to 282/281 series; insulated; gray

https://www.wago.com/284-413



Color: gray

Electrical data	
Rated current	30 A

Physical data	
Width	7 mm / 0.276 inches
Height	9.6 mm / 0.378 inches
Depth	30.6 mm / 1.205 inches

Material data	
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.016 MJ
Weight	2.8 g

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918255455
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 284-413

Documentation

Bid Text

284-413	19.02.2019	xml 2.55 KB	
284-413	28.04.2017	doc 23.00 KB	

CAD/CAE-Data

CAD data

2D/3D Models 284-413

CAE data

EPLAN Data Portal 284-413

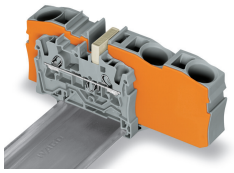
WSCAD Universe 284-413

ZUKEN Portal 284-413

Installation Notes

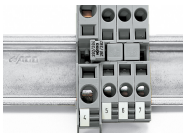
Continued on next page

Commoning



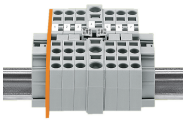
Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.
Commoning may be made in 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

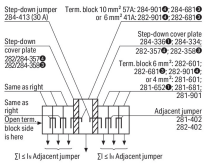


Note: Jumpers are marked with suitable terminal block sizes for correct installation.

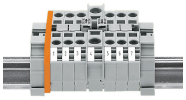
Commoning



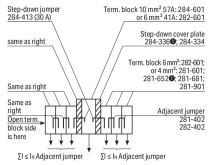
Commoning from 10 mm²/8 AWG (284 Series) to 6 mm²/10 AWG (282 Series) rail-mount terminal blocks via step-down jumpers.



Assembly example: Commoning from 10/6 mm² (8/10 AWG) to 6 mm² (10 AWG) rail-mount terminal blocks via step-down jumper (284-413).



Commoning from 10 mm²/8 AWG (284 Series) to 6 mm²/10 AWG (282 Series) rail-mount terminal blocks via step-down jumpers.



Assembly example: Commoning from 10/6 mm² (8/10 AWG) to 6 mm² (10 AWG) rail-mount terminal blocks via step-down jumper (284-413).