Data Sheet | Item Number: 284-414

Step-down jumper; from 284/282 to 281/280/279 series; insulated; gray

https://www.wago.com/284-414



Color: gray

Electrical data	
Rated current	15 A

Physical data	
Width	6.7 mm / 0.264 inches
Height	9.2 mm / 0.362 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	2.1 g

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918255615
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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Compliance Search

Environmental Product Compliance 284-414

Documentation

Bid Text

284-414	27.04.2017	doc 23.00 KB
284-414	19.02.2019	xml 2.56 KB

CAD/CAE-Data

CAD data

2D/3D Models 284-414

CAE data

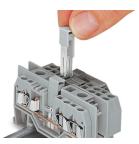
EPLAN Data Portal 284-414

WSCAD Universe 284-414

ZUKEN Portal 284-414

Installation Notes

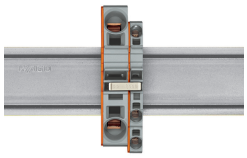
Commoning



Commoning terminal blocks of different sizes via step-down jumpers.

Continued on next page

Commoning

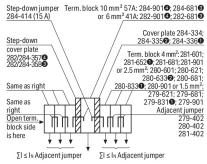


Using step-down jumpers, an end plate must be inserted between the terminal blocks to be commoned.

Commoning



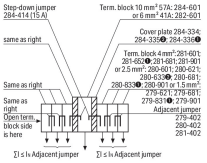
Commoning from 6 mm²/10 AWG (282 Series) to 1.5 mm²/16 AWG (279 Series) rail-mount terminal blocks via step-down jumpers.



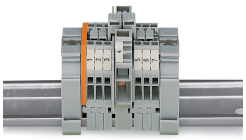
Assembly example: Commoning from 10/6 mm² (8/10 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG) rail-mount terminal blocks via step-down jumper (284-414).



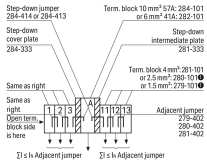
Commoning from 6 mm²/10 AWG (282 Series) to 1.5 mm²/16 AWG (279 Series) rail-mount terminal blocks via step-down jumpers.



Assembly example: Commoning from 10/6 mm² (8/10 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG) rail-mount terminal blocks via step-down jumper (284-414).



Commoning from 6 mm²/10 AWG (282 Series) to 1.5 mm²/16 AWG (279 Series) rail-mount terminal blocks via step-down jumpers.



Assembly example: Commoning from 10/6 mm² (8/10 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG) rail-mount terminal blocks via step-down jumper (284-414).
Commoning with step-down jumpers from 10 mm² (284-101) to 2.5 mm² (280-101) or 1.5 mm² (279-101) terminal blocks via the terminal block rear side is not possible (see example: terminal block A to 11).