

**Data sheet | Item number: 285-430**

Step-down jumper; from 285 (35mm<sup>2</sup>) to 2016/2010 series; insulated; gray

[www.wago.com/285-430](http://www.wago.com/285-430)



Color:

## Data

### Electrical data

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



## Ratings per IEC/EN

Nominal voltage (III/3)	800 V
Rated current	90 A

## Physical data

Jumper assignment	1-2
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## Material Data

Note (material data)

Information on material specifications can be found here

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.083 MJ
Weight	12 g

## Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 8.0	EC000489
ETIM 7.0	EC000489
PU (SPU)	50 (25) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454910945
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

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Logo	Approval	Additional Approval Text	Certificate name
	<b>CSA</b> DEKRA Certification B.V.	C22.2	154112
	<b>UL</b> Underwriters Laboratories Inc.	UL 1059	E45172

#### Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	<b>AEx</b> Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb II C resp. Ex eb II C)

#### Downloads

##### Documentation

##### Bid Text

285-430 X81 - Datei	2019 年2月19 日	xml 2.6 kB	Download
285-430 doc - Datei	2017 年4月28 日	doc 22.5 kB	Download

##### Additional Information

		pdf 2.3 MB	Download
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#### CAD/CAE-Data

##### CAD data

2D/3D Models 285-430		URL	Download
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##### CAE data

WSCAD Universe 285-430		URL	Download
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ZUKEN Portal 285-430		URL	Download
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EPLAN Data Portal 285-430		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 285-430

URL

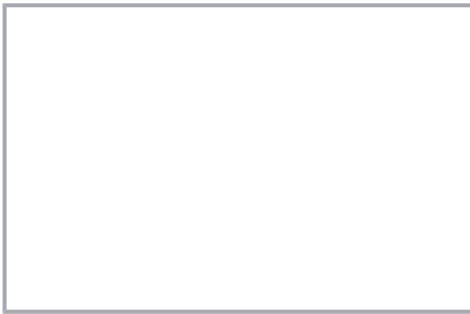
Download

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## Installation Notes

### Commoning



Commoning 35 mm<sup>2</sup> (2 AWG) POWER CAGE CLAMP Terminal Blocks with 10/16 mm<sup>2</sup> (8/6 AWG) 2010 and 2016 Series TOPJOP® S Terminal Blocks using step-down jumpers (not valid for 2016-76xx and 2016-77xx).

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.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. 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 adjacent jumpers.

#### The following should be noted:

The total current of the outgoing circuits does not exceed the nominal current of the step-down jumper.

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