



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

RoHS   
Compliant

BOMcheck.net

Color: **Data****Electrical data****Ratings per IEC/EN 60664-1**

Rated current	57 A
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**Material Data**

Color	light gray
Fire load	0.016 MJ
Weight	3.3 g

**Commercial data**

Product Group	22 (TOPJOB S)
Packaging type	bag
Country of origin	DE
GTIN	4044918317603
Customs tariff number	85366990990

**Counterpart****Downloads****Documentation****Bid Text**

2016-499 doc - Datei	Apr 28, 2017	doc 24.1 kB	Download
2016-499 GAEB X81 - Datei	Feb 19, 2019	xml 2.6 kB	Download

**Additional Information**

Technical explanations	Apr 3, 2019	pdf	Download
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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.

## CAD/CAE-Data

### CAD data

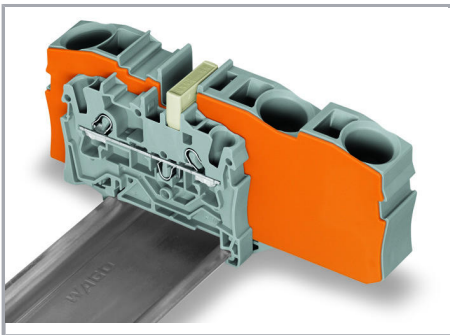
2D/3D Models 2016-499	URL	Download
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### CAE data

WSCAD Universe 2016-499	URL	Download
ZUKEN Portal 2016-499	URL	Download

## Installation Notes

### Commoning

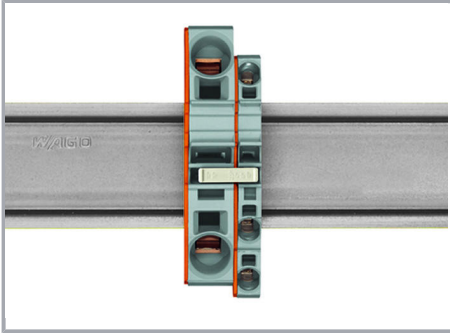


Step-down jumpers may common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drops may be problematic. A large conductor can be easily connected to smaller conductors at the distribution point.

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.

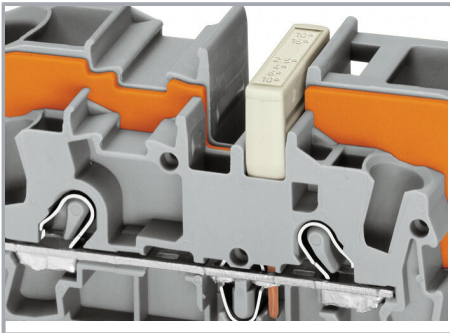
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#### Commoning



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

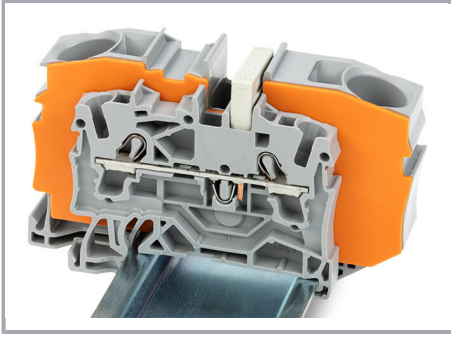
#### Commoning



Commoning with a step-down jumper.

#### Commoning

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**Step-down jumper (2016-499)** commons 16 /10 mm<sup>2</sup> (16/8 AWG) terminal blocks (2016 /2010 Series) with 10/6/4/2.5 mm<sup>2</sup> (8/10/12 /14 AWG) terminal blocks (2010/2006/2004 /2002 Series).

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