

**Data sheet | Item number: 2016-499**  
Step-down jumper; insulated; light gray

[www.wago.com/2016-499](http://www.wago.com/2016-499)



## Data

### Electrical data

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



## IEC Approvals

|               |      |
|---------------|------|
| Rated current | 57 A |
|---------------|------|

## 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 | 8536698000    |

## Downloads

### Documentation

#### Bid Text

|             |              |         |          |
|-------------|--------------|---------|----------|
| 2016-499    | Apr 28, 2017 | doc     | Download |
| doc - Datei |              | 24.1 kB |          |

|             |              |        |          |
|-------------|--------------|--------|----------|
| 2016-499    | Feb 19, 2019 | xml    | Download |
| X81 - Datei |              | 2.6 kB |          |

#### Additional Information

|                        |             |        |          |
|------------------------|-------------|--------|----------|
| Technical explanations | Apr 3, 2019 | pdf    | Download |
|                        |             | 2.2 MB |          |

## CAD files

### CAD data

|                       |     |          |
|-----------------------|-----|----------|
| 2D/3D Models 2016-499 | URL | Download |
|-----------------------|-----|----------|

### CAE data

|                         |     |          |
|-------------------------|-----|----------|
| WSCAD Universe 2016-499 | URL | Download |
|-------------------------|-----|----------|

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

WAGO Corporation  
 Germantown, WI 53022  
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
 Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

|                            |                     |                          |
|----------------------------|---------------------|--------------------------|
| ZUKEN Portal 2016-499      | <a href="#">URL</a> | <a href="#">Download</a> |
| EPLAN Data Portal 2016-499 | <a href="#">URL</a> | <a href="#">Download</a> |

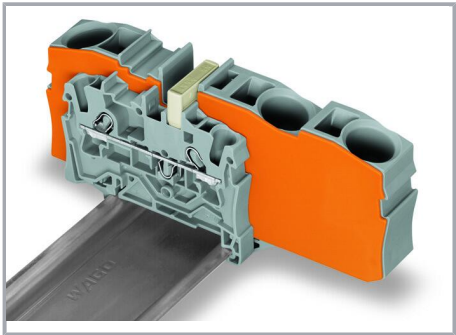
Environmental Product Compliance

Compliance Search

|                                           |                     |                          |
|-------------------------------------------|---------------------|--------------------------|
| Environmental Product Compliance 2016-499 | <a href="#">URL</a> | <a href="#">Download</a> |
| Step-down jumper; insulated; light gray   |                     |                          |

Installation Notes

Commoning

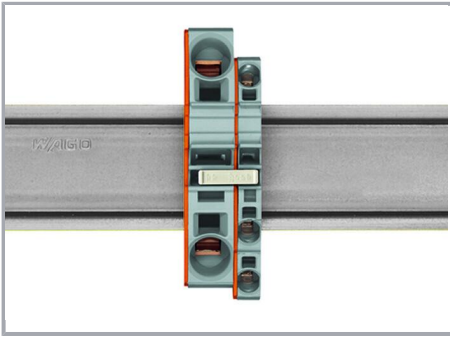


Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

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.

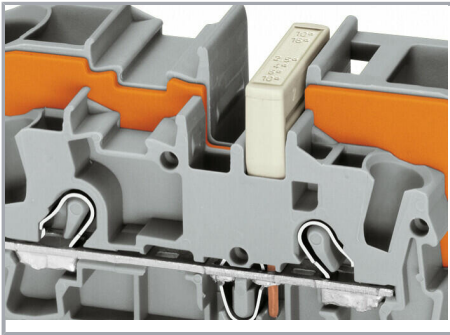
Commoning

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



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

#### Commoning



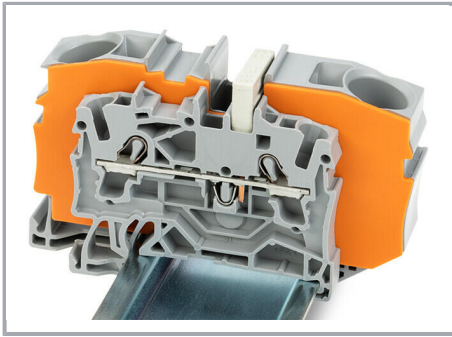
Commoning with step-down jumpers.

#### Commoning

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



**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).

## Product family

### TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.