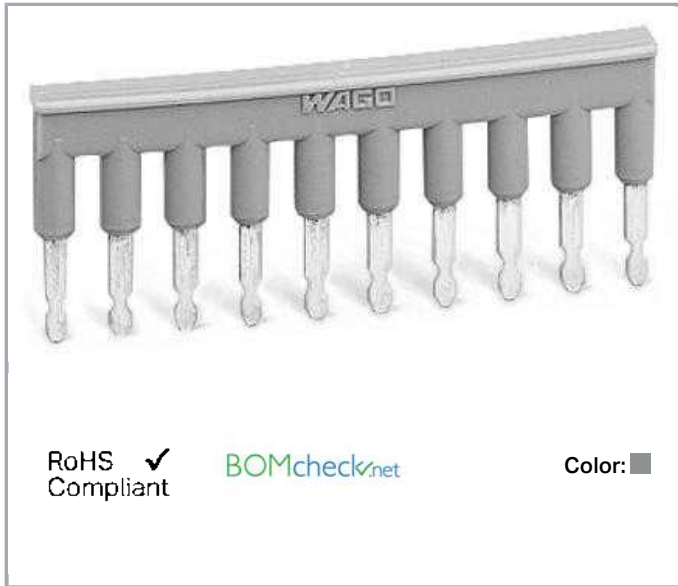


## Data sheet | Item number: 280-490

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray

[www.wago.com/280-490](http://www.wago.com/280-490)



### Data

#### Geometrical Data

|       |                    |
|-------|--------------------|
| Width | 50 mm / 1.969 inch |
| Depth | 4 mm / 0.157 inch  |

#### Material Data

|           |          |
|-----------|----------|
| Color     | gray     |
| Fire load | 0.032 MJ |
| Weight    | 4.9 g    |

#### Commercial data

|                    |               |
|--------------------|---------------|
| Packaging type     | BOX           |
| Country of origin  | DE            |
| GTIN               | 4044918846097 |
| Customs Tariff No. | 85366990990   |

### Counterpart

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.



## Compatible products

### tools



Item no.: 280-440

Operating tool; made of insulating material; 10-way

[www.wago.com/280-440](http://www.wago.com/280-440)

## Downloads

### Documentation

#### Bid Text

|             |              |         |          |
|-------------|--------------|---------|----------|
| 280-490     | Apr 27, 2017 | doc     | Download |
| doc - Datei |              | 24.6 kB |          |

|                  |              |        |          |
|------------------|--------------|--------|----------|
| 280-490          | Feb 19, 2019 | xml    | Download |
| GAEB X81 - Datei |              | 2.6 kB |          |

#### Additional Information

|                        |             |        |          |
|------------------------|-------------|--------|----------|
| Technical explanations | Apr 3, 2019 | pdf    | Download |
|                        |             | 2.1 MB |          |

## CAD/CAE-Data

### CAD data

|                      |     |          |
|----------------------|-----|----------|
| 2D/3D Models 280-490 | URL | Download |
|----------------------|-----|----------|

### CAE data

|                        |     |          |
|------------------------|-----|----------|
| WSCAD Universe 280-490 | URL | Download |
|------------------------|-----|----------|

## Installation Notes

### Jumpered

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

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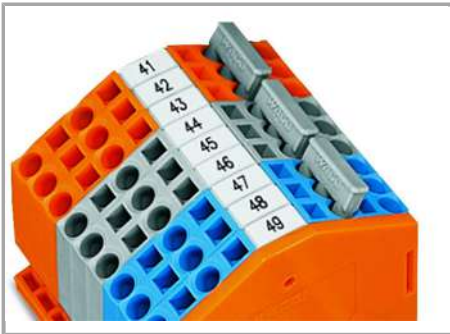
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Commoning with comb-style jumper bar.

Push comb-style jumper bar down until fully inserted.

#### Jumpered

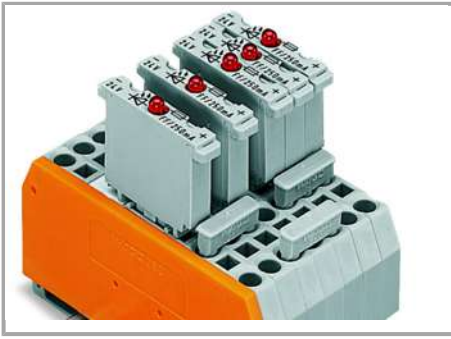


4-conductor through terminal blocks, angled type –

formation of groups with 3-way, comb-style jumper bars

#### Jumpered

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

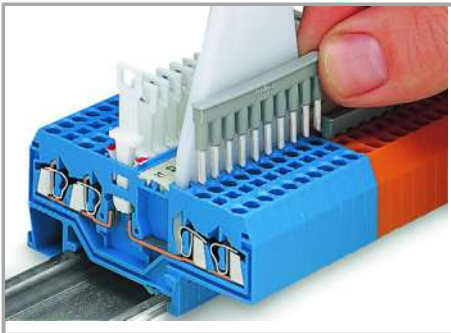


Carrier terminal blocks with component plugs,

alternate comb-style jumper bars,

3-way, comb-style jumper bar

#### Jumpered



Commoning front-entry disconnect terminal blocks via comb-style jumper bar using a 10-pole operating tool.

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