

## Data Sheet | Item Number: 281-490

Jumper; 10-way; insulated; gray

<https://www.wago.com/281-490>



Color: ■ gray

### Physical data

Width	60 mm / 2.362 inches
Height	5 mm / 0.197 inches
Jumper assignment	1-2-3-4-5-6-7-8-9-10

### Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.046 MJ
Weight	8.2 g

### Commercial data

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	4044918524308
Customs tariff number	85366990990

### Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 281-490	<a href="#">↓</a>

### Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	<a href="#">↓</a>

Bid Text				
281-490	19.02.2019	xml 2.54 KB	<a href="#">↓</a>	
281-490	28.04.2017	doc 24.00 KB	<a href="#">↓</a>	

### CAD/CAE-Data

CAD data	
2D/3D Models 281-490	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 281-490	<a href="#">↓</a>
WSCAD Universe 281-490	<a href="#">↓</a>
ZUKEN Portal 281-490	<a href="#">↓</a>

### 1 Compatible Products

#### 1.1 Optional Accessories

##### 1.1.1 Tool

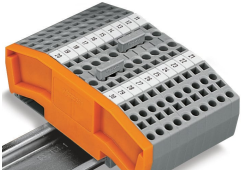
##### 1.1.1.1 Operating tool



**Item No.: 281-440**  
 Operating tool; made of insulating material; 5-way

## Installation Notes

### Commoning



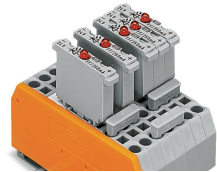
Commoning using comb-style jumper bars.  
Push comb-style jumper bars down until fully inserted.

### Commoning



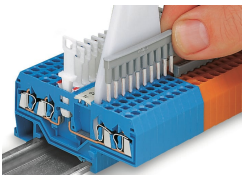
4-conductor through terminal blocks, angled type, formation of groups with 3-way, comb-style jumper bars

### Commoning



Carrier terminal blocks with component plugs, alternate comb-style jumper bars, 3-way comb-style jumper bar

### Commoning



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