

# Data Sheet | Item Number: 2004-402

Jumper; 2-way; insulated; light gray

<https://www.wago.com/2004-402>



Color:  light gray

Similar to illustration

## Electrical data

### Ratings per IEC/EN

Nominal voltage (III/3)	800 V
Rated current	32 A

### Ex information

Rated current (Ex e II)	30 A
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## Physical data

Width	10.3 mm / 0.406 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-2

## Material Data

Note (material data)

[Information on material specifications can be found here](#)

Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.007 MJ
Weight	1.5 g

## Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data	
Product Group	22 (TOPJOB S)
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)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143700153
Customs tariff number	85366990990

### Approvals / Certificates

#### Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2004-402	<a href="#">↓</a>

### Documentation

Additional Information		
Technical Section	pdf 2142.18 KB	<a href="#">↓</a>

Bid Text				
2004-402	19.02.2019	xml 2.51 KB	<a href="#">↓</a>	
2004-402	28.04.2017	doc 23.50 KB	<a href="#">↓</a>	

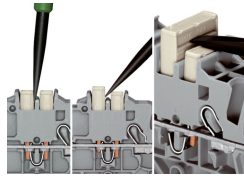
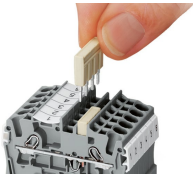
### CAD/CAE-Data

CAD data	
2D/3D Models 2004-402	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 2004-402	<a href="#">↓</a>
WSCAD Universe 2004-402	<a href="#">↓</a>
ZUKEN Portal 2004-402	<a href="#">↓</a>

Installation Notes

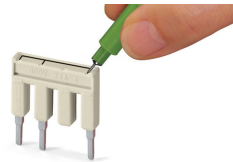
Commoning



Insert push-in type jumper bar and push down until it hits backstop.

Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

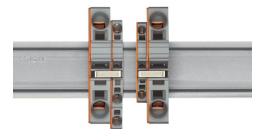
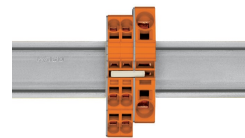
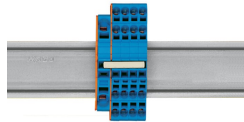
Commoning



Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

Marking with a felt-tip pen.

Commoning



Stepping down via push-in type jumper bar.

Stepping down via push-in type jumper bar: Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm<sup>2</sup> (6 AWG) to 6 mm<sup>2</sup> (10 AWG) or from 6 mm<sup>2</sup> (10 AWG) to 2.5 mm<sup>2</sup> (14 AWG) (see illustration above).

Stepping down via push-in type jumper bar: Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm<sup>2</sup> (6 AWG) and 10 mm<sup>2</sup> (8 AWG) and one cross-section size for 6/4/2.5 mm<sup>2</sup> (10/12/14 AWG). An example: from 16 mm<sup>2</sup> (6 AWG) to 6 mm<sup>2</sup> (10 AWG) (see illustration above) or from 10 mm<sup>2</sup> (8 AWG) to 4 mm<sup>2</sup> (12 AWG).

Note: The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.