# Data Sheet | Item Number: 2004-404 Jumper; 4-way; insulated; light gray

https://www.wago.com/2004-404





Color: Ight gray

Electrical data			
Ratings per IEC/EN		Ex information	
Nominal voltage (III/3)	800 V	Rated current (Ex e II)	30 A
Rated current	32 A		

Physical data	
Width	22.8 mm / 0.898 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-2-3-4

Material data	
Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material</a>
	specifications can be found here
Color	light gray
Material group	1
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Fire load	0.015 MJ
Weight	3.1 g

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

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https://www.wago.com/2004-404



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	4055143699846
Customs tariff number	85366990990

# **Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

## Approvals / Certificates

Declarations of conformity and manufacturer's declarations



ApprovalStandardCertificate NameRailway-Railway Ready

WAGO GmbH & Co. KG

# Downloads

## **Environmental Product Compliance**

Compliance Search

Environmental Product

Compliance 2004-404



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https://www.wago.com/2004-404



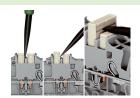
# CAD/CAE-Data CAD data CAE data 2D/3D Models 2004-404 \$\sqrt{2}\$ EPLAN Data Portal 2004-404 \$\sqrt{2}\$ WSCAD Universe 2004-404 \$\sqrt{2}\$ ZUKEN Portal 2004-404 \$\sqrt{2}\$

#### **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).

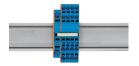


Marking with a felt-tip pen.

## 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 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (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 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (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.

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

Current addresses can be found at::  $\underline{www.wago.com}$ 

Page 3/3 Version 13.11.2023