Data Sheet | Item Number: 2002-438 Jumper; from 1 to 8; insulated; light gray

https://www.wago.com/2002-438





Color: ■ light gray Similar to illustration

Electrical data				
Ratings per IEC/EN		Ex information		
Nominal voltage (III/3)	800 V	Rated current (Ex e II)	20 A	
Rated current	25 Δ			

Physical data		
Width	39.9 mm / 1.571 inches	
Height	4.1 mm / 0.161 inches	
Depth	19 mm / 0.748 inches	
Jumper assignment	1-8	

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.02 MJ
Weight	2.3 g

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	4055143691666
Customs tariff number	85366990990

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Environmental Product Compliance

RoHS Compliance Status Compliant,No Exemption

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 2002-438

Documentation						
Additional Information			Bid Text			
Technical Section	pdf 2240.62 KB	<u>↓</u>	2002-438	19.02.2019	xml 2.52 KB	<u>↓</u>
			2002-438	27.04.2017	doc 24.00 KB	$\underline{\downarrow}$

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2002-438	EPLAN Data Portal 2002-438
	WSCAD Universe 2002-438
	ZUKEN Portal 2002-438

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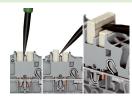


Installation Notes

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).

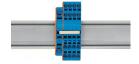


Marking with a felt-tip pen.

Commoning



Stepping down via push-in type jumper bar.



Stepping down via push-in type jumper

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:: $\underline{www.wago.com}$

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