### Data Sheet | Item Number: 2001-433 Jumper; from 1 to 3; insulated; light gray

https://www.wago.com/2001-433







Color: ■ light gray

Electrical data				
Ratings per IEC/EN		Ex information		
Nominal voltage (III/3)	800 V	Rated current (Ex e II)	16 A	
Rated current	18 A			

Physical data	
Width	11.2 mm / 0.441 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-3

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.007 MJ
Weight	0.9 g

Environmental requirements			
Environmental Testing		Environmental Testing	
Test specification: DIN EN 50155 (VDE 0115-200):2022-06 Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Monitoring of contact faults and interruptions	Passed
	Voltage drop measurement before and after each axis	Passed	
Test procedure: DIN EN 61373 (VDE 0118 Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Acceleration	0.572g (highest test level used for all
Functional test with noise-like oscillati-		axes)	
ons	the standard	Test duration per axis	5 h
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Test directions	X, Y and Z axes
Acceleration	0.101g (highest test level used for all axes)	Extended testing: Monitoring of contact faults and interruptions	Passed
Test duration per axis	10 min.	Extended testing: Voltage drop measure-	Passed
Test directions	X, Y and Z axes	ment before and after each axis	

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Environmental Testing	
Shock test	Test passed according to Section 10 of the standard
Shock pulse form	Half sine
Acceleration	5g (highest test level used for all axes)
Shock duration	30 ms
Number of shocks (per axis)	3 pos. und 3 neg.
Test directions	X, Y and Z axes
Extended testing: Monitoring of contact faults and interruptions	Passed
Extended testing: Voltage drop measurement before and after each axis	Passed
Vibration and shock stress for rolling stock equipment	Passed

Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143699488
Customs tariff number	85366990990

B 1 (0) (0)	
Product Classification	
UNSPSC	39121421
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 9.0	EC000489
ETIM 8.0	EC000489
ECCN	NO US CLASSIFICATION

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

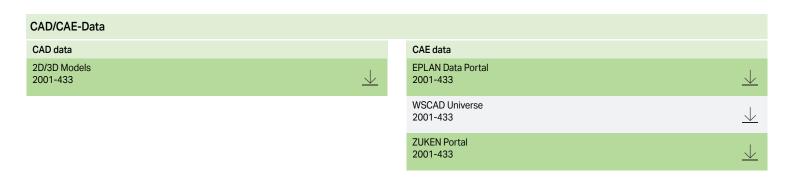
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Documentation			
Bid Text			
2001-433	19.02.2019	xml 2.52 KB	$\underline{\downarrow}$
2001-433	27.04.2017	doc 23.50 KB	$\downarrow$



 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$