## Data Sheet | Item Number: 2004-433 Jumper; from 1 to 3; insulated; light gray

https://www.wago.com/2004-433





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)	30 A
Rated current	32 A		

Physical data		
Width	16.5 mm / 0.65 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	0.01 MJ
Weight	1.7 g

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	ent – ests  l location Service life test, Category 1, Class A/B	Test duration per axis	10 min. 5 h
Spectrum/Installation location		Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Function test with noise-like vibration		Monitoring for contact faults/interruptions	Passed
	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Voltage drop measurement before and after each axis	Passed
		Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard

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Environmental Testing (Environmental Conditions)			
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed		
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed		
Shock test	Test passed according to Section 10 of the standard		
Shock form	Half sine		
Shock duration	30 ms		
Number of shocks per axis	3 pos. und 3 neg.		
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	4055143700689
Customs tariff number	85366990990

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

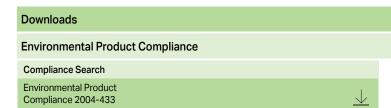


Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

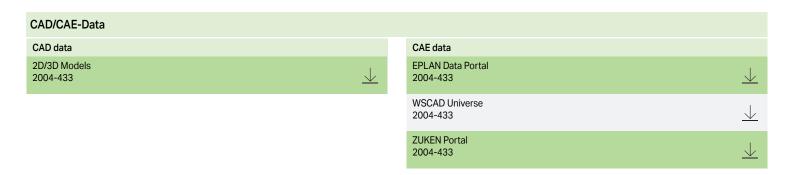
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Documentation			
Bid Text			
2004-433	19.02.2019	xml 2.52 KB	$\underline{\downarrow}$
2004-433	28.04.2017	doc 23.50 KB	$\overline{\downarrow}$



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

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