## Data Sheet | Item Number: 2002-408 Jumper; 8-way; insulated; light gray

https://www.wago.com/2002-408







Color: ■ light gray

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

Physical data	
Width	39.9 mm / 1.571 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-2-3-4-5-6-7-8

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.028 MJ
Weight	3.9 g

Environmental requirements			
Environmental Testing (Environm	ental Conditions)	Environmental Testing (Environme	ntal 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 –	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	10 min. 5 h
Shock and vibration tests Spectrum/Installation location	Service life test, Category 1, Class A/B	Test directions	X, Y and Z axes X, Y and Z axes
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Monitoring for contact faults/interrupti-	X, Y and Z axes Passed
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	ons	
		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	4055143690300
Customs tariff number	85366990990

Product classification	
UNSPSC	39121421

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

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

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