# Data Sheet | Item Number: 2004-438 Jumper; from 1 to 8; insulated; light gray

https://www.wago.com/2004-438





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)	30 A
Rated current	32 A		

Physical data		
Width	47.6 mm / 1.874 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	0.022 MJ
Weight	3.2 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)
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	5g (highest test level used for all axes) 10 min. 5 h
Spectrum/Installation location	Service life test, Category 1, Class A/B	Test directions	X, Y and Z axes 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-	Passed
Frequency	equency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	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

### Data Sheet | Item Number: 2004-438

https://www.wago.com/2004-438



#### **Environmental Testing (Environmental Conditions)**

Extended test scope: Monitoring for contact faults/interruptions Passed Extended test scope: Voltage drop mea-Passed surement before and after each axis Passed Shock test Test passed according to Section 10 of

the standard

Shock form Half sine Shock duration 30 ms

3 pos. und 3 neg. Number of shocks per axis

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	4055143701174
Customs tariff number	85366990990

#### **Product classification**

UNSPSC 39121421

#### **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

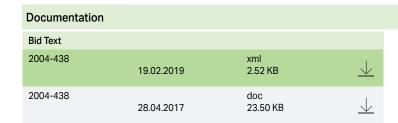
**Environmental Product** Compliance 2004-438

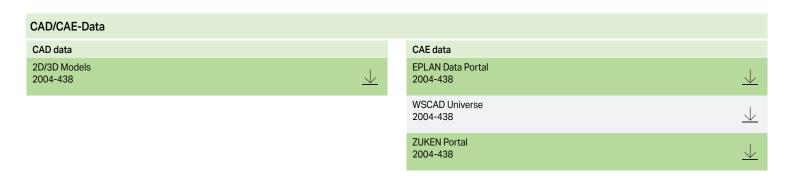


## Data Sheet | Item Number: 2004-438

https://www.wago.com/2004-438







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

Page 3/3 Version 25.04.2025