## Data Sheet | Item Number: 2002-437 Jumper; from 1 to 7; insulated; light gray

https://www.wago.com/2002-437







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	34.7 mm / 1.366 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-7

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.018 MJ
Weight	2.1 g

Environmental requirements			
Environmental Testing		<b>Environmental Testing</b>	
Test specification: DIN EN 50° Railway applications –	DIN EN 50155 (VDE 0115-200):2022-06	Monitoring of contact faults and interruptions	Passed
Rolling stock – Electronic equipment		Voltage drop measurement before and after each axis	Passed
Test procedure: DIN EN 61373 (VDE 0115-0106):2011-04 Railway applications – Rolling stock equipment – Vibration and shock tests	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-	Test passed according to Section 8 of		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	

## Data Sheet | Item Number: 2002-437 https://www.wago.com/2002-437



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	4055143691659
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

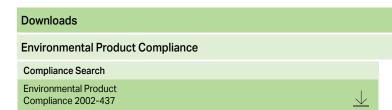


Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

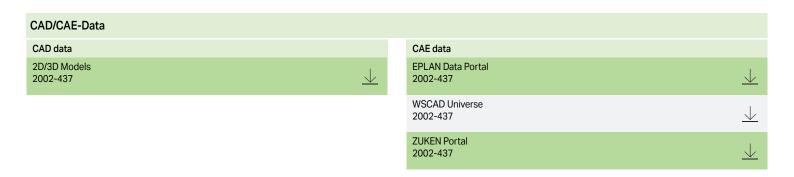
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Documentation			
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2002-437	19.02.2019	xml 2.52 KB	$\underline{\downarrow}$
2002-437	27.04.2017	doc 24.00 KB	$\underline{\downarrow}$



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