

**Data Sheet | Item Number: 2001-435**  
**Jumper; from 1 to 5; insulated; light gray**

<https://www.wago.com/2001-435>



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)	16 A
Rated current	18 A		

**Physical data**

Width	19.7 mm / 0.776 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches
Jumper assignment	1-5

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Fire load	0.011 MJ
Weight	1.2 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) 5g (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	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/interruptions	Passed
Frequency	$f_1 = 5 \text{ Hz}$ 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

**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	4055143699600
Customs tariff number	85366990990

**Product classification**

UNSPSC	39121421
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**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 2001-435

### Documentation

Bid Text			
2001-435	19.02.2019	xml 2.52 KB	<a href="#">↓</a>
2001-435	27.04.2017	doc 23.50 KB	<a href="#">↓</a>

### CAD/CAE-Data

CAD data	
2D/3D Models 2001-435	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 2001-435	<a href="#">↓</a>
WSCAD Universe 2001-435	<a href="#">↓</a>
ZUKEN Portal 2001-435	<a href="#">↓</a>