



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)	33 A
Rated current	41 A		

Physical data

Width	20.2 mm / 0.795 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	0.011 MJ	
Weight	2.5 g	

Environmental requirements

Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06	Test directions	X, Y and Z axes
Railway applications – Rolling stock – Electronic equipment		Monitoring for contact faults/interruptions	Passed
Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04	Voltage drop measurement before and after each axis	Passed
Railway applications – Rolling stock equipment – Shock and vibration tests		Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Spectrum/Installation location	Service life test, Category 1, Class A/B	Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Acceleration	0.572g (highest test level used for all axes)
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz	Test duration per axis	5 h
Acceleration	0.101g (highest test level used for all axes)	Test directions	X, Y and Z axes
Test duration per axis	10 min.	Extended test scope: Monitoring for contact faults/interruptions	Passed



Environmental Testing (Environmental Conditions)	
Extended test scope: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock 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 test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: 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	4055143701495
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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 2006-433			↓

Documentation			
Bid Text			
2006-433	19.02.2019	xml 2.52 KB	↓
2006-433	28.04.2017	doc 23.50 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 2006-433		↓	
		EPLAN Data Portal 2006-433	↓
		WSCAD Universe 2006-433	↓
		ZUKEN Portal 2006-433	↓