



Color: ■ light gray

Electrical data			
Ratings per IEC/EN		Ex information	
Nominal voltage (III/3)	800 V	Rated current (Ex e II)	50 A
Rated current	57 A		

Physical data	
Width	47.6 mm / 1.874 inches
Height	4.1 mm / 0.161 inches
Depth	23 mm / 0.906 inches
Jumper assignment	1-5

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.035 MJ
Weight	7.6 g

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



Environmental Testing	
Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
Acceleration	0.572g (highest test level used for all axes)
Test duration per axis	5 h
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
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	4055143702058
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 10.0	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 2010-435



Documentation

Bid Text			
2010-435	19.02.2019	xml 2.52 KB	
2010-435	28.04.2017	doc 23.50 KB	

CAD/CAE-Data

CAD data
2D/3D Models 2010-435



CAE data
EPLAN Data Portal 2010-435
WSCAD Universe 2010-435
ZUKEN Portal 2010-435

