



Color: ■ light gray



Electrical data	
Rated current	25 A

Physical data	
Width	13.8 mm / 0.543 inches
Height	4.1 mm / 0.161 inches
Depth	19 mm / 0.748 inches



Material data		
Color		light gray
Fire load		0.008 MJ
Weight		1.2 g

Commercial data		
Product Group		22 (TOPJOB S)
PU (SPU)		25 pcs
Packaging type		Bag
Country of origin		DE
GTIN		4055143690973
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

Environmental requirements

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

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

**RAILWAY
READY**

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2002-433 

Documentation

Bid Text

2002-433	19.02.2019	xml 2.52 KB	↓
2002-433	27.04.2017	doc 24.00 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2002-433 

CAE data

EPLAN Data Portal 2002-433	
WSCAD Universe 2002-433	
ZUKEN Portal 2002-433	

Current addresses can be found at: www.wago.com