



Color: ■ gray

Physical data		
Width		0.8 mm / 0.031 inches
Height		48.3 mm / 1.902 inches
Depth		28.9 mm / 1.138 inches

Mechanical data		
Mounting type		snap-on type

Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.032 MJ
Weight		1.2 g

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



Environmental Testing	
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)	100 (25) pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4055143234085	
Customs tariff number	85389099990	

Product Classification		
UNSPSC	39121702	
eCl@ss 10.0	27-14-11-33	
eCl@ss 9.0	27-14-11-33	
ETIM 9.0	EC000886	
ETIM 10.0	EC000886	
ECCN	NO US CLASSIFICATION	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates

Declarations of conformity and manufacturer's declarations			Approvals for hazardous areas		
			 IECEx		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready	CCC CQST/CNEEx	GB/T 3836.3	2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)
			IECEx Physikalisch Technische Bundesanstalt	IEC 60079	IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

Bid Text			
2002-1291	19.02.2019	xml 2.51 KB	↓
2002-1291	27.04.2017	doc 23.50 KB	↓

CAD data	CAE data
2D/3D Models 2002-1291	EPLAN Data Portal 2002-1291
	WSCAD Universe 2002-1291
	ZUKEN Portal 2002-1291