



Color: ■ gray

Physical data		
Width		2 mm / 0.079 inches
Height		58.75 mm / 2.313 inches
Depth		33.4 mm / 1.315 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		0.055 MJ
Weight		2.1 g

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

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	DE
GTIN	4045454654221
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
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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 2002-1393			↓

Documentation

Bid Text			
2002-1393	19.02.2019	xml 2.50 KB	↓
2002-1393	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 2002-1393	↓

CAE data	
EPLAN Data Portal 2002-1393	↓
WSCAD Universe 2002-1393	↓
ZUKEN Portal 2002-1393	↓

Subject to changes. Please also observe the further product documentation!

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