



Color: ■ gray

Notes		
Safety Information	Power must be switched off when installing the testing tap. The safety guidelines for working on live installations must be observed.	

Physical data		
Width	19.3 mm / 0.76 inches	
Height	48.3 mm / 1.902 inches	
Depth	8 mm / 0.315 inches	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	gray	
Fire load	0.06 MJ	
Weight	3.2 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 X, Y and Z axes 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		Extended test scope: Monitoring for contact faults/interruptions	Passed Passed	
Function test with noise-like vibration	Test passed according to Section 8 of the standard		Extended test scope: Voltage drop measurement before and after each axis	Passed Passed	
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz		Shock test	Test passed according to Section 10 of the standard	
Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)		Shock form	Half sine	
Test duration per axis	10 min. 5 h		Shock duration	30 ms	
			Number of shocks per axis	3 pos. und 3 neg.	



Environmental Testing (Environmental Conditions)

Vibration and shock stress for rolling stock equipment Passed

Commercial data

Product Group	2 (Terminal Block Accessories)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332075176
Customs tariff number	85366990990

Product classification

UNSPSC	39121421
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 8.0	EC002848
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 2009-182 



Documentation

Bid Text			
2009-182	28.04.2017	doc 23.50 KB	↓
2009-182	19.02.2019	xml 2.72 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 2009-182	↓

CAE data	
EPLAN Data Portal 2009-182	↓
WSCAD Universe 2009-182	↓

Installation Notes

Testing



Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series