



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	0.053 MJ
Weight	3.2 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
		Test directions	X, Y and Z axes



Environmental Testing	
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	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 10.0	EC002848
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 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