



Color: ■ gray

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

Electrical data	
Ratings per IEC/EN	
Rated current	10 A

Physical data	
Width	10.15 mm / 0.4 inches
Height	48.6 mm / 1.913 inches
Depth	7.2 mm / 0.283 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.024 MJ
Weight	2.5 g

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06	Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
Railway applications – Rolling stock – Electronic equipment		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)
Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	10 min. 5 h
Railway applications – Rolling stock equipment – Shock and vibration tests		Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Spectrum/Installation location	Service life test, Category 1, Class A/B		
Function test with noise-like vibration	Test passed according to Section 8 of the standard		



Environmental Testing (Environmental Conditions)	
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed

Commercial data		
Product Group	2 (Terminal Block Accessories)	
eCl@ss 10.0	27-14-11-48	
eCl@ss 9.0	27-14-11-48	
ETIM 9.0	EC002555	
ETIM 8.0	EC002555	
PU (SPU)	100 (25) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4017332074988	
Customs tariff number	85366990990	

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	1bfe9d8d-c4e0-4a6d-83c7-cf06dc9eadad
SCIP notification number (Belgium)	a3edd670-1365-4ee8-a93b-d1a159ff4e85
SCIP notification number (Bulgaria)	7a1dfd17-054a-4a77-9814-bfeaddfaffbd
SCIP notification number (Czech Republic)	f6ba8076-4b3e-4554-bada-9257290cdabb
SCIP notification number (Denmark)	cdfc2ba4-20f3-4859-95b5-95ce6982cad9
SCIP notification number (Finland)	8f57db27-6d24-4acd-9ffe-bbe0235eb83c
SCIP notification number (France)	d051844b-e912-4d8f-b1de-970af13d61b5
SCIP notification number (Germany)	aedda25b-65bf-4057-99e2-5773fe464019
SCIP notification number (Hungary)	fb448482-0d52-42b7-b903-113f4c0590ec
SCIP notification number (Italy)	41463d2b-01cc-487a-b815-be66de537a8a
SCIP notification number (Netherlands)	ffd6a813-8826-402e-ae0c-0ecc31f5d6ca
SCIP notification number (Poland)	b375c51f-dfab-45af-9b76-2fe6547e2f46
SCIP notification number (Romania)	bb60bde0-4755-4d68-bed3-89a3817c43e8
SCIP notification number (Sweden)	d1d53a18-fac1-4eec-b726-d8e185c6abed



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 2009-174



Documentation

Additional Information
Technical Section

pdf
2246.92 KB



Bid Text			
2009-174	28.04.2017	doc 23.50 KB	
2009-174	19.02.2019	xml 2.73 KB	



CAD/CAE-Data

CAD data
2D/3D Models 2009-174



CAE data
EPLAN Data Portal 2009-174
WSCAD Universe 2009-174
ZUKEN Portal 2009-174



1 Compatible Products

1.1 Optional Accessories

1.1.1 Test and measurement

1.1.1.1 Testing accessories



[Item No.: 215-311](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; black



[Item No.: 215-711](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; blue



[Item No.: 215-811](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; gray



[Item No.: 215-411](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; green



[Item No.: 215-911](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; green-yellow



[Item No.: 215-211](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; orange



[Item No.: 215-212](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; red



[Item No.: 215-611](#)
Banana plug; for socket 4 mm Ø; 2,50 mm²; white

1.1.1.1 Testing accessories



Item No.: 215-511
Banana plug; for socket 4 mm Ø; 2,50 mm²; yellow

Item No.: 215-111
Banana plug; for socket 4 mm Ø; color mixed; 10 x each - orange, white, black, blue, yellow; 2,50 mm²; orange

Installation Notes

Testing



Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series