

## Data Sheet | Item Number: 2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

<https://www.wago.com/2009-174>



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

Test specification: DIN EN 50155 (VDE 0115-200):2022-06  
Railway applications –  
Rolling stock –  
Electronic equipment

#### Environmental Testing

Test procedure: DIN EN 61373 (VDE 0115-0106):2011-04  
Railway applications –  
Rolling stock equipment –  
Vibration and shock tests  
Spectrum/Mounting location Service life test, Category 1, Class A/B  
Functional test with noise-like oscillations Test passed according to Section 8 of the standard

### Environmental Testing

Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Acceleration	0.101g (highest test level used for all axes)
Test duration per axis	10 min.
Test directions	X, Y and Z axes
Monitoring of contact faults and interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Acceleration	0.572g (highest test level used for all axes)
Test duration per axis	5 h
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	2 (Terminal Block Accessories)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332074988
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-48
eCl@ss 9.0	27-14-11-48
ETIM 9.0	EC002555
ETIM 10.0	EC002555
ECCN	NO US CLASSIFICATION

**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**

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	CAE data
2D/3D Models 2009-174 	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 mm<sup>2</sup>; black



**Item No.: 215-711**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; blue



**Item No.: 215-811**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; gray



**Item No.: 215-411**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; green



**Item No.: 215-911**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; green-yellow



**Item No.: 215-211**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; orange



**Item No.: 215-212**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; red



**Item No.: 215-611**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; white



**Item No.: 215-511**

Banana plug; for socket 4 mm Ø; 2,50 mm<sup>2</sup>; yellow



**Item No.: 215-111**

Banana plug; for socket 4 mm Ø; color mixed; 10 x each - orange, white, black, blue, yellow; 2,50 mm<sup>2</sup>; orange

## Installation Notes

### Testing



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