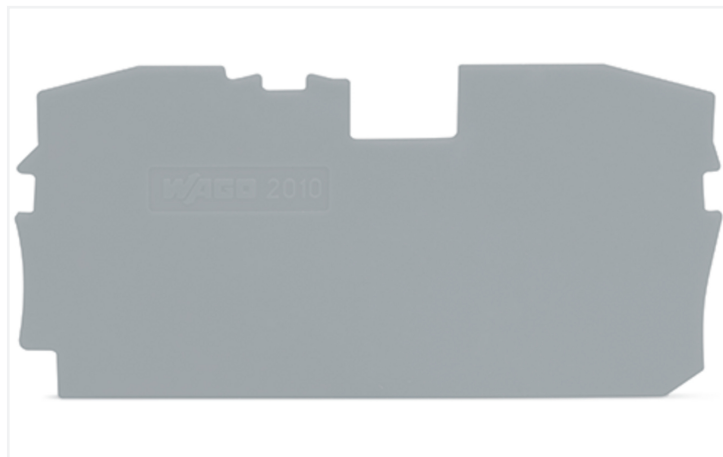


**Data Sheet | Item Number: 2010-1291**  
 End and intermediate plate; 1 mm thick; gray

<https://www.wago.com/2010-1291>



Color: ■ gray

**Physical data**

Width	1 mm / 0.039 inches
Height	67.2 mm / 2.646 inches
Depth	33.5 mm / 1.319 inches

**Mechanical data**

Mounting type	snap-on type
---------------	--------------

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.071 MJ
Weight	2.4 g

**Environmental requirements**

Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Test duration per axis	10 min. 5 h
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	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	Monitoring for contact faults/interruptions	Passed
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Voltage drop measurement before and after each axis	Passed
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 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)	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

Environmental Testing (Environmental Conditions)	
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	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 8.0	EC000886
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	CN
GTIN	4044918144148
Customs tariff number	85389099990

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 2010-1291	<a href="#">↓</a>

### Documentation

Additional Information		Bid Text				
Technical Section	pdf 2246.92 KB	<a href="#">↓</a>	2010-1291	28.04.2017	doc 23.50 KB	<a href="#">↓</a>
			2010-1291	19.02.2019	xml 2.51 KB	<a href="#">↓</a>

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2010-1291 	EPLAN Data Portal 2010-1291 
	WSCAD Universe 2010-1291 
	ZUKEN Portal 2010-1291 