# Data Sheet | Item Number: 2002-3291 End and intermediate plate; 0.8 mm thick; gray

https://www.wago.com/2002-3291





Color: 🔳 gray

Physical data	
Width	0.8 mm / 0.031 inches
Height	92.7 mm / 3.67 inches
Depth	69.7 mm / 2.744 inches

Mechanical data	
Mounting type	snap-on type

Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
Color	gray
Material group	
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Fire load	0.119 MJ
Weight	4 g

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification Railway applications –	DIN EN 50155 (VDE 0115-200):2022-06	Test duration per axis	10 min. 5 h
Rolling stock – Electronic equipment		Test directions	X, Y and Z axes X, Y and Z axes
Test procedure	ilway applications – Iling stock equipment –		X, Y and Z axes
Rolling stock equipment – Shock and vibration tests		Monitoring for contact faults/interruptions	Passed
Spectrum/Installation location	Service life test, Category 1, Class A/B	Voltage drop measurement before and after each axis	Passed
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
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: Voltage drop measurement before and after each axis	Passed Passed	
	axes)	Shock test	Test passed according to Section 10 of the standard

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stock equipment



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 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	4044918691239
Customs tariff number	85389099990

### **Environmental Product Compliance**

RoHS Compliance Status Compliant,No Exemption

#### Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	1536069

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 2002-3291

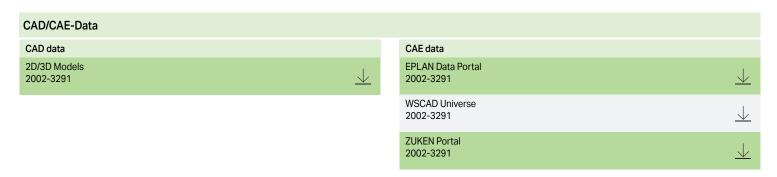


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 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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