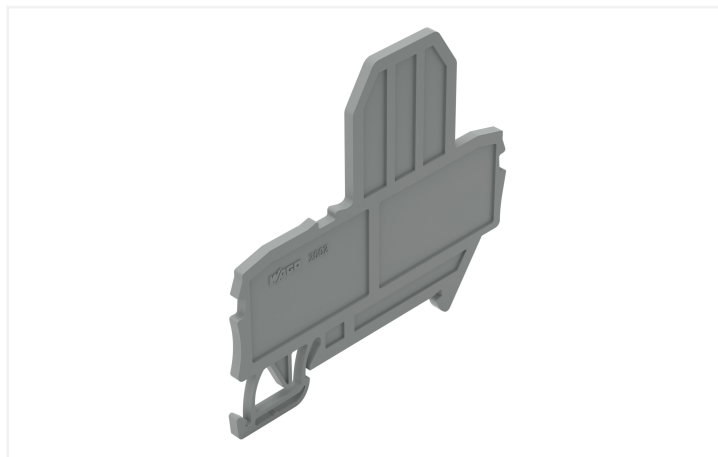
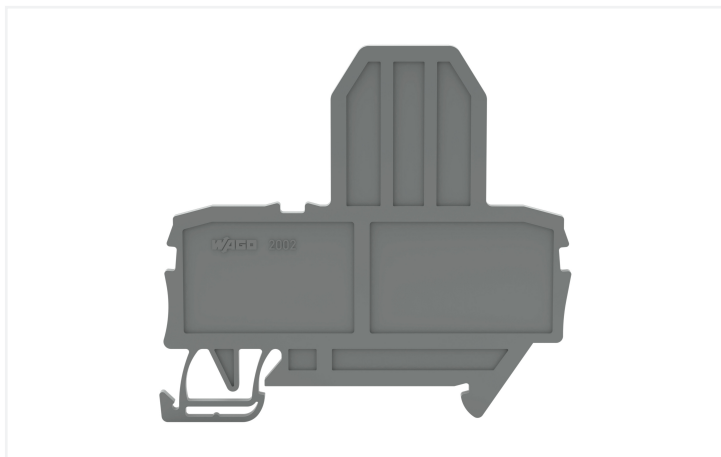


**Data Sheet | Item Number: 2002-991**  
 End plate for fuse terminal blocks; 2 mm thick; gray

<https://www.wago.com/2002-991>



Color: ■ gray

**Physical data**

Width	2 mm / 0.079 inches
Height	67 mm / 2.638 inches
Depth from upper-edge of DIN-rail	57.2 mm / 2.252 inches

**Mechanical data**

Mounting type	snap-on type
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**Material data**

Note (material data)

[Information on material specifications can be found here](#)

Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.153 MJ
Weight	3.8 g

**Environmental requirements**

**Environmental Testing (Environmental Conditions)**

Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
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
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
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)

**Environmental Testing (Environmental Conditions)**

Test duration per axis	10 min. 5 h
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
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

**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)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454779238
Customs tariff number	85389099990

**Product classification**

UNSPSC	39121410
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready

**Approvals for hazardous areas**



Approval	Standard	Certificate Name
ATEX KIWA Netherlands B.V.	-	KIWA 17ATEX0030 U
CCC CNEX	GB/T 3836.3	2020312313000180 (Ex ec IIC Gc)
IECEX KIWA Netherlands B.V.	-	IECEX KIWA 17.0014U (Ex ec IIC Gc)

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance 2002-991	
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**Documentation**

**Additional Information**

Technical Section	pdf 2246.92 KB	<a href="#">↓</a>
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**Bid Text**

2002-991	19.02.2019	xml 2.51 KB	<a href="#">↓</a>
2002-991	27.04.2017	doc 23.50 KB	<a href="#">↓</a>

**CAD/CAE-Data**

**CAD data**

2D/3D Models 2002-991	<a href="#">↓</a>
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**CAE data**

EPLAN Data Portal 2002-991	<a href="#">↓</a>
WSCAD Universe 2002-991	<a href="#">↓</a>
ZUKEN Portal 2002-991	<a href="#">↓</a>