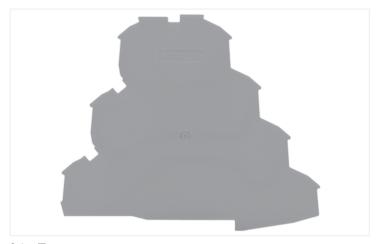
Data Sheet | Item Number: 2002-4191 End and intermediate plate; 1 mm thick; gray

https://www.wago.com/2002-4191





Color: gray

Physical data	
Width	1 mm / 0.039 inches
Height	103.5 mm / 4.075 inches
Depth	83.9 mm / 3.303 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	1
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Fire load	0.208 MJ
Weight	6.9 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 Railway applications –	· · · · · · · · · · · · · · · · · · ·		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
axes) 0.572g (highest test level us axes)	•	Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
	0.0	Shock test	Test passed according to Section 10 of the standard

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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	Вох
Country of origin	DE
GTIN	4045454914059
Customs tariff number	85389099990

Product classification	
UNSPSC	39121702
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 8.0	EC000886
ECCN	NO US CLASSIFICATION

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

Approvals for hazardous areas

Approval Standard Certificate Name

IECEx
Physikalisch Technische
Bundesanstalt

Standard

LEC 60079

IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

Downloads

Environmental Product Compliance

Compliance Search

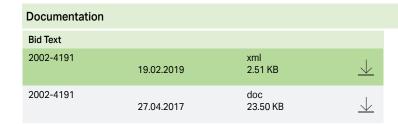
Environmental Product Compliance 2002-4191

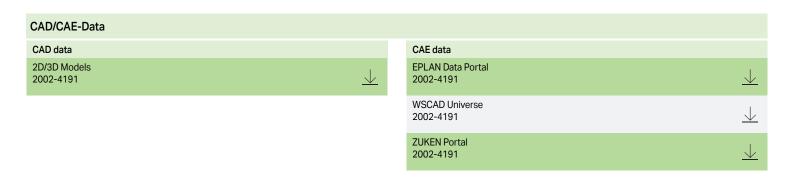


Data Sheet | Item Number: 2002-4191

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Subject to changes. Please also observe the further product documentation!

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