Data Sheet | Item Number: 2002-2291 End and intermediate plate; 0.8 mm thick; gray

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Color: ■ gray

Physical data	
Width	0.8 mm / 0.031 inches
Height	69.2 mm / 2.724 inches
Depth	51.9 mm / 2.043 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	0.072 MJ
Weight	2.4 g

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification DIN EN 50155 (VDE 0115-200):2022-06 Railway applications –	DIN EN 50155 (VDE 0115-200):2022-06	Monitoring for contact faults/interruptions	Passed
Rolling stock – Electronic equipment		Voltage drop measurement before and after each axis	Passed
Test procedure DIN EN 61373 (VDE 0115-0106):2011-04 Railway applications – Rolling stock equipment –	Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard	
Shock and vibration tests		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
Spectrum/Installation location	Service life test, Category 1, Class A/B	Acceleration	0.572g (highest test level used for all
Function test with noise-like vibration	Test passed according to Section 8 of		axes)
	the standard	Test duration per axis	5 h
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Test directions	X, Y and Z axes
Acceleration	0.101g (highest test level used for all axes)	Extended test scope: Monitoring for contact faults/interruptions	Passed
Test duration per axis	10 min.	Extended test scope: Voltage drop mea-	Passed
Test directions	X, Y and Z axes	surement before and after each axis	

Data Sheet | Item Number: 2002-2291 https://www.wago.com/2002-2291



Environmental Testing (Environmental Conditions)			
Shock test	Test passed according to Section 10 of the standard		
Shock 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 test scope: Monitoring for contact faults/interruptions	Passed		
Extended test scope: Voltage drop measurement before and after each axis	Passed		
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	CN	
GTIN	4044918691161	
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	IEC 60079	IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

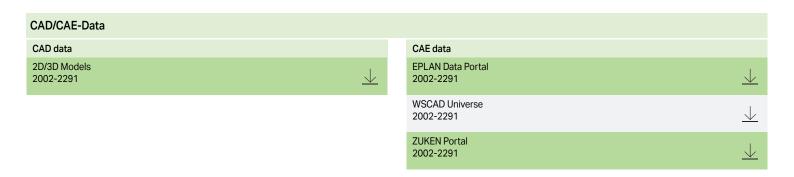
Data Sheet | Item Number: 2002-2291

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Documentation			
Bid Text			
2002-2291	27.04.2017	doc 23.50 KB	\perp
2002-2291	19.02.2019	xml 2.51 KB	\downarrow



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

Page 3/3 Version 13.06.2025