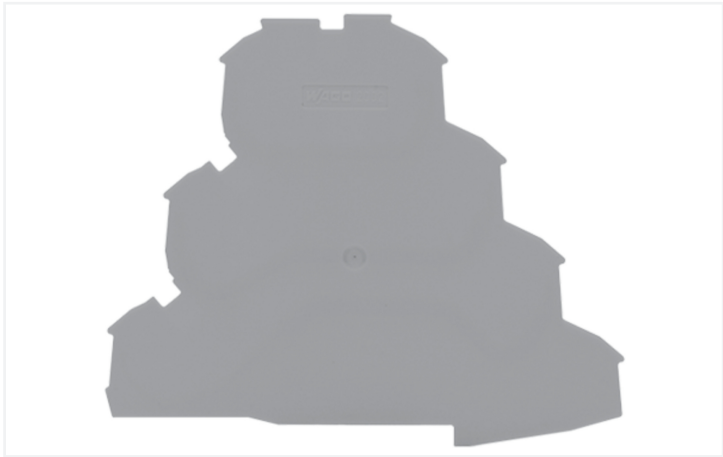




Color: ■ gray

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)		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		0.187 MJ
Weight		6.9 g

Environmental requirements					
Environmental Testing			Environmental Testing		
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06		Acceleration	0.101g (highest test level used for all axes)	
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04		Test duration per axis	10 min.	
Spectrum/Mounting location	Service life test, Category 1, Class A/B		Test directions	X, Y and Z axes	
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard		Monitoring of contact faults and interruptions	Passed	
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz		Voltage drop measurement before and after each axis	Passed	
			Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard	
			Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz	



Environmental Testing	
Acceleration	0.572g (highest test level used for all axes)
Test duration per axis	5 h
Test directions	X, Y and Z axes
Extended testing: Monitoring of contact faults and interruptions	Passed
Extended testing: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock pulse 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 testing: Monitoring of contact faults and interruptions	Passed
Extended testing: 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	Box	
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 10.0	EC000886
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations	Approvals for hazardous areas
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Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready



Approval	Standard	Certificate Name
IECEx Physikalisch Technische Bundesanstalt	IEC 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

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Documentation				
Bid Text				
2002-4191	19.02.2019	xml	2.51 KB	↓
2002-4191	27.04.2017	doc	23.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
2002-4191

↓

CAE data

EPLAN Data Portal
2002-4191

↓

WSCAD Universe
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ZUKEN Portal
2002-4191

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