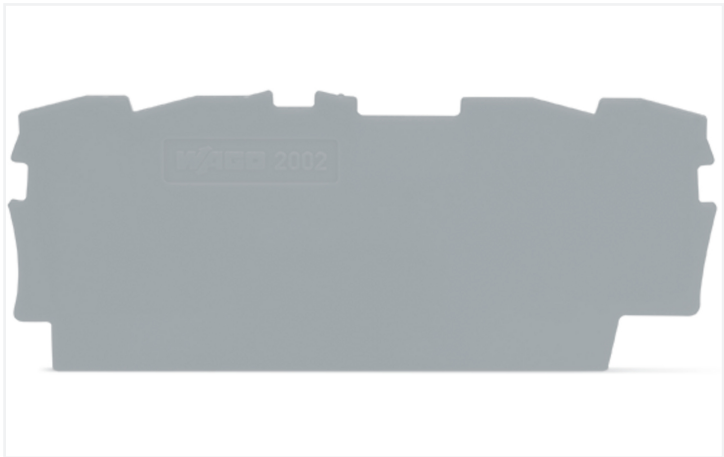




Color: ■ gray

Physical data		
Width		0.8 mm / 0.031 inches
Height		70 mm / 2.756 inches
Depth		28.9 mm / 1.138 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		0.046 MJ
Weight		1.6 g

Environmental requirements					
Environmental Testing			Environmental Testing		
Test specification: Railway applications – Rolling stock – Electronic equipment		DIN EN 50155 (VDE 0115-200):2022-06	Test duration per axis		10 min.
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests		DIN EN 61373 (VDE 0115-0106):2011-04	Test directions		X, Y and Z axes
Spectrum/Mounting location		Service life test, Category 1, Class A/B	Monitoring of contact faults and interrup- tions		Passed
Functional test with noise-like oscillations		Test passed according to Section 8 of the standard	Voltage drop measurement before and after each axis		Passed
Frequency		f ₁ = 5 Hz to f ₂ = 150 Hz	Simulated service life test through in- creased levels of noise-like oscillations		Test passed according to Section 9 of the standard
Acceleration		0.101g (highest test level used for all axes)	Frequency		f ₁ = 5 Hz to f ₂ = 150 Hz
			Acceleration		0.572g (highest test level used for all axes)
			Test duration per axis		5 h



Environmental Testing	
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	CN
GTIN	4055143234238
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		
			 IECEx		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready	CCC CQST/CNEEx	GB/T 3836.3	2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)
			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 2002-1491			↓

Documentation			
Bid Text			
2002-1491	19.02.2019	xml 2.51 KB	↓
2002-1491	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2002-1491	EPLAN Data Portal 2002-1491
↓	↓
	WSCAD Universe 2002-1491
	↓
	ZUKEN Portal 2002-1491
	↓