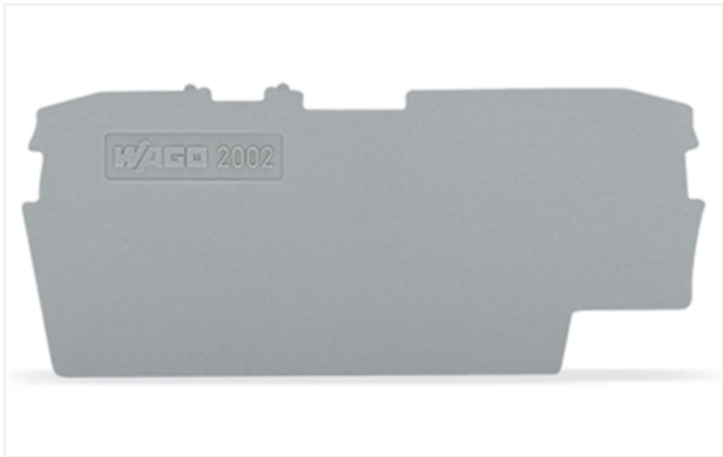




Color: ■ gray

Physical data		
Width		1 mm / 0.039 inches
Height		65.9 mm / 2.594 inches
Depth		29.3 mm / 1.114 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		0.049 MJ
Weight		1.8 g

Environmental requirements					
Environmental Testing			Environmental Testing		
Test specification:	DIN EN 50155 (VDE 0115-200):2022-06		Test duration per axis		10 min.
Railway applications – Rolling stock – Electronic equipment			Test directions		X, Y and Z axes
Test procedure:	DIN EN 61373 (VDE 0115-0106):2011-04		Monitoring of contact faults and interrup- tions		Passed
Railway applications – Rolling stock equipment – Vibration and shock tests			Voltage drop measurement before and after each axis		Passed
Spectrum/Mounting location	Service life test, Category 1, Class A/B		Simulated service life test through in- creased levels of noise-like oscillations		Test passed according to Section 9 of the standard
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard		Frequency		f ₁ = 5 Hz to f ₂ = 150 Hz
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz		Acceleration		0.572g (highest test level used for all axes)
Acceleration	0.101g (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	DE
GTIN	4045454343224
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		
			<div>PTB 0102 Ex ec IIC Gc</div> <div> II 3 G</div> <div></div> <div></div>		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-	ATEX KIWA Netherlands B.V.	EN 60079	KIWA 17ATEX0030 U
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-	CCC CNEX	GB/T 3836.3	2020312313000180 (Ex ec IIC Gc)
Railway WAGO GmbH & Co. KG	-	Railway Ready	IECEx KIWA Netherlands B.V.	EN 60079	IECEx KIWA 17.0014U (Ex ec IIC Gc)



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 2002-1691			↓

Documentation			
Bid Text			
2002-1691	19.02.2019	xml 2.51 KB	↓
2002-1691	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2002-1691	EPLAN Data Portal 2002-1691
↓	↓
	WSCAD Universe 2002-1691
	↓
	ZUKEN Portal 2002-1691
	↓