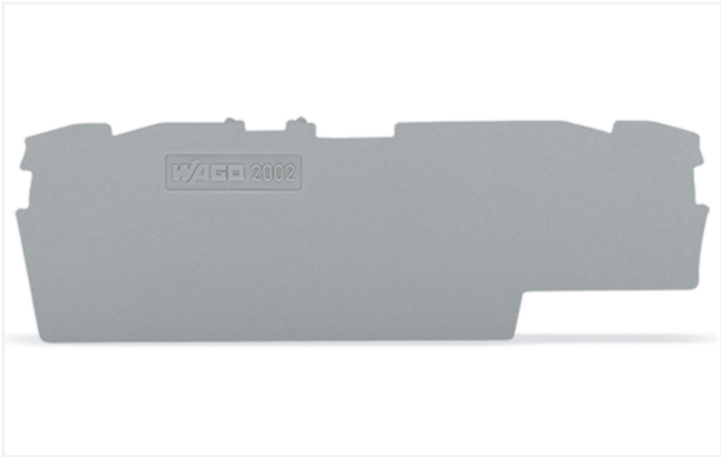




Color: ■ gray

Physical data	
Width	1 mm / 0.039 inches
Height	87.3 mm / 3.437 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	0.084 MJ
Weight	2.4 g

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



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	Box
Country of origin	DE
GTIN	4045454371906
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
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-
ATEX-Attestation of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready

Approvals for hazardous areas



Approval	Standard	Certificate Name
ATEX KIWA Netherlands B.V.	EN 60079	KIWA 17ATEX0030 U
CCC CNEX	GB/T 3836.3	2020312313000180 (Ex ec IIC Gc)
IECEx KIWA Netherlands B.V.	EN 60079	IECEx KIWA 17.0014U (Ex ec IIC Gc)



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 2002-1891			↓

Documentation			
Bid Text			
2002-1891	19.02.2019	xml 2.51 KB	↓
2002-1891	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 2002-1891		EPLAN Data Portal 2002-1891	↓
		WSCAD Universe 2002-1891	↓
		ZUKEN Portal 2002-1891	↓