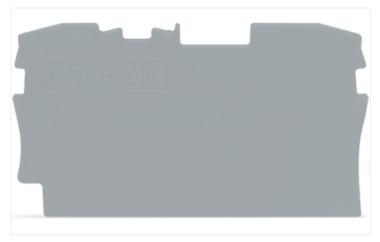
Data Sheet | Item Number: 2004-1291 End and intermediate plate; 1 mm thick; gray

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Color: 🔳 gray

Physical data	
Width	1 mm / 0.039 inches
Height	51.8 mm / 2.039 inches
Depth	29.7 mm / 1.169 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	0.048 MJ
Weight	1.6 g

Environmental requirements			
Environmental requirements			
Processing temperature	-35 +85 °C	Environmental Testing	
Continuous operating temperature -60 +105 °C	Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	
	Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	
		Spectrum/Mounting location	Service life test, Category 1, Class A/B
	Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	
		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
	Acceleration	0.101g (highest test level used for all axes)	
	Test duration per axis	10 min.	
	Test directions	X, Y and Z axes	
	Monitoring of contact faults and interruptions	Passed	

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Environmental Testing	
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	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
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	CN
GTIN	4017332071376
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

Data Sheet | Item Number: 2004-1291

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Approvals / Certificates

Declarations of conformity and manufacturer's declarations



Approval Standard **Certificate Name** Railway WAGO GmbH & Co. KG Railway Ready

Downloads Environmental Product Compliance Compliance Search **Environmental Product** Compliance 2004-1291

Documentation			
Bid Text			
2004-1291	19.02.2019	xml 2.51 KB	$\underline{\downarrow}$
2004-1291	28.04.2017	doc 23.50 KB	\downarrow

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2004-1291	EPLAN Data Portal 2004-1291
	WSCAD Universe 2004-1291
	ZUKEN Portal 2004-1291

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

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