

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

<https://www.wago.com/2004-1291>



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
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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

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Environmental Testing (Environmental Conditions)

Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
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)

Environmental Testing (Environmental Conditions)

Test duration per axis	10 min. 5 h
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
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
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	CN
GTIN	4017332071376
Customs tariff number	85389099990

Product classification

UNSPSC	39121702
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Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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	
2004-1291	28.04.2017	doc 23.50 KB	

CAD/CAE-Data

CAD data

2D/3D Models
2004-1291



CAE data

EPLAN Data Portal
2004-1291



WSCAD Universe
2004-1291



ZUKEN Portal
2004-1291

