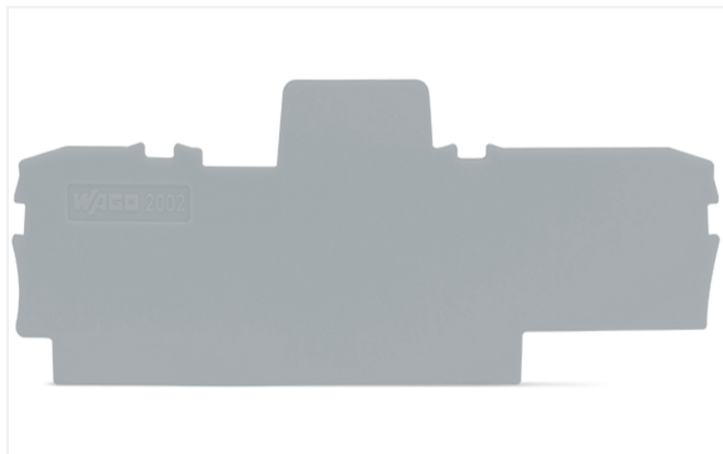


# Data Sheet | Item Number: 2002-1593

Separator plate; 1 mm thick; gray

<https://www.wago.com/2002-1593>



Color: ■ gray

## Physical data

Width 1 mm / 0.039 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 0.094 MJ

Weight 3.2 g

## Environmental requirements

### Environmental Testing

Test specification: DIN EN 50155 (VDE 0115-200):2022-06  
Railway applications –  
Rolling stock –  
Electronic equipment

Test procedure: DIN EN 61373 (VDE 0115-0106):2011-04  
Railway applications –  
Rolling stock equipment –  
Vibration and shock tests

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.

### Environmental Testing

Test directions X, Y and Z axes

Monitoring of contact faults and interruptions Passed

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

**Environmental Testing**

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**

PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143177993
Customs tariff number	85389099990

**Product Classification**

UNSPSC	39121613
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
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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 2002-1593



CAD/CAE-Data

CAD data

2D/3D Models  
2002-1593



CAE data

EPLAN Data Portal  
2002-1593



ZUKEN Portal  
2002-1593

