

Data Sheet | Item Number: 2002-2992  
End and intermediate plate; 1 mm thick; orange

<https://www.wago.com/2002-2992>



Color: ■ orange

### Physical data

Width	1 mm / 0.039 inches
Height	108 mm / 4.252 inches
Depth	42 mm / 1.654 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	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.107 MJ
Weight	3.6 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)
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 8.0	EC000886
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454383053
Customs tariff number	85389099990

**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
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.	-	KIWA 17ATEX0030 U
CCC CNEX	GB/T 3836.3	2020312313000180 (Ex ec IIC Gc)
IECEx KIWA Netherlands B.V.	-	IECEx KIWA 17.0014U (Ex ec IIC Gc)

**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 2002-2992	↓

**Documentation**

Additional Information		
Technical Section	pdf 2246.92 KB	↓

Bid Text				
2002-2992	19.02.2019	xml 2.51 KB	↓	
2002-2992	27.04.2017	doc 23.50 KB	↓	

**CAD/CAE-Data**

CAD data	
2D/3D Models 2002-2992	↓

CAE data	
EPLAN Data Portal 2002-2992	↓
WSCAD Universe 2002-2992	↓
ZUKEN Portal 2002-2992	↓