

Color: ■ orange

Physical data

Width	2 mm / 0.079 inches
Height	67 mm / 2.638 inches
Depth from upper-edge of DIN-rail	57.2 mm / 2.252 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	0.113 MJ
Weight	3.8 g

Environmental requirements

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


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)
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	4045454779245
Customs tariff number	85389099990


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	-	-
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 2002-992	

Documentation

Additional Information

Technical Section	pdf 2246.92 KB	↓
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Bid Text

2002-992	19.02.2019	xml 2.52 KB	↓
2002-992	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2002-992	↓
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CAE data

EPLAN Data Portal 2002-992	↓
WSCAD Universe 2002-992	↓
ZUKEN Portal 2002-992	↓