



Color: ■ orange

### Physical data

Width	0.8 mm / 0.031 inches
Height	70 mm / 2.756 inches
Depth	28.9 mm / 1.138 inches

### Mechanical data

Mounting type	snap-on type
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.051 MJ
Weight	1.7 g

### Environmental requirements

Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Voltage drop measurement before and after each axis	Passed
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Acceleration	0.572g (highest test level used for all axes)
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$	Test duration per axis	5 h
Acceleration	0.101g (highest test level used for all axes)	Test directions	X, Y and Z axes
Test duration per axis	10 min.	Extended testing: Monitoring of contact faults and interruptions	Passed
Test directions	X, Y and Z axes	Extended testing: Voltage drop measurement before and after each axis	Passed
Monitoring of contact faults and interruptions	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)

Environmental Testing	
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	4055143234245
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

### Approvals / Certificates

#### Declarations of conformity and manufacturer's declarations



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

#### Approvals for hazardous areas



Approval	Standard	Certificate Name
CCC CQST/CNEx	GB/T 3836.3	2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)
IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance 2002-1492



### Documentation

#### Bid Text

2002-1492	19.02.2019	xml 2.51 KB	
2002-1492	27.04.2017	doc 23.50 KB	

### CAD/CAE-Data

#### CAD data

2D/3D Models  
2002-1492



#### CAE data

EPLAN Data Portal  
2002-1492



WSCAD Universe  
2002-1492



ZUKEN Portal  
2002-1492

