



Color: white Similar to illustration

Technical data	
Marking method	Thermal transfer
Marking	1 ... 4
Marking direction	Horizontal marking
Marking color	black
Marking type	Numbers
Delivery form	Strip

Physical data	
Strip width	11 mm

Mechanical data	
Smear resistance	EN 60998-1:2004

Material data	
Color	white
UV resistance	EN 60068-2-5:2010 Procedure B
Halogen-free	Yes
Weight	0.2 g
Fire load	0.005 MJ

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06	Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
Railway applications – Rolling stock – Electronic equipment		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)
Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	10 min. 5 h
Railway applications – Rolling stock equipment – Shock and vibration tests			
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		



Environmental Testing (Environmental Conditions)	
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	
PU (SPU)	100 (1) pcs
Packaging type	Bag
Country of origin	DE
GTIN	4045454999643
Customs tariff number	39199080888

Product classification	
UNSPSC	55121612
eCl@ss 10.0	27-14-11-37
eCl@ss 9.0	27-14-11-37
ETIM 9.0	EC000761
ETIM 8.0	EC000761
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



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2009-110/762-804	