

Data Sheet | Item Number: 2009-141

Micro-WSB-Inline; 2000 pieces on roll; plain; snap-on type; white

<https://www.wago.com/2009-141>



Color: ■ white

Similar to illustration

Technical data

Suitable	for modular empty housings (2857 Series)
Marking method	Thermal transfer
Marking	plain
Delivery form	Roll
Delivery form configuration	2,000 Micro-WSB markers (4mm)/reel
Printing device	Smart Printer (thermal transfer printer)

Physical data

Marker/strip width	4 mm
Marker width	4 mm

Material data

Color	white
UV resistance	EN 60068-2-5:2010 Procedure B
Adhesive information	without adhesive
Halogen-free	Yes
Weight	68.4 g
Fire load	0 MJ

Environmental requirements

Environmental Testing

Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Mounting location	Service life test, Category 1, Class A/B

Environmental Testing

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.
Test directions	X, Y and Z axes

Environmental Testing

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
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)	1 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143525497
Customs tariff number	49119900000

Product Classification

UNSPSC	55121731
eCl@ss 10.0	27-14-11-37
eCl@ss 9.0	27-14-11-37
ETIM 9.0	EC000761
ETIM 10.0	EC000761
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 2009-141 

Documentation

Bid Text			
2009-141	03.01.2018	doc 23.50 KB	
2009-141	19.02.2019	xml 2.61 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Accessories for marking devices



Item No.: 258-5011
 Roller; for Smart Printer; for Micro WSB In-
 line roller (2009-141); 1 grinding device