

Data Sheet | Item Number: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

<https://www.wago.com/2009-145>



Color: ■ white

Technical data

Suitable	for WAGO Rail-Mount Terminal Blocks
Marking method	Thermal transfer
Marking	plain
Delivery form	Roll
Delivery form configuration	1,700 Mini-WSB markers (5 mm)/reel
Printing device	Smart Printer (thermal transfer printer)

Physical data

Marker/strip width	5 ... 5.2 mm
Marker width	5 mm

Mechanical data

Smear resistance	in conjunction with 258-5005 Ink Ribbon
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Material data

Color	white
UV resistance	EN 60068-2-5:2010 Procedure B
Adhesive information	without adhesive
Halogen-free	Yes
Weight	99.3 g
Fire load	1.531 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
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
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

Product Group	2 (Terminal Block Accessories)
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4050821388920
Customs tariff number	39269097900

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 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 2009-145	↓
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Documentation

Additional Information

Allocation roller printing material	001.12.2016 10.09.2020	pdf 139.96 KB	↓
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Bid Text

2009-145	19.09.2017	doc 23.50 KB	↓
2009-145	19.02.2019	xml 2.59 KB	↓

Operating Instructions

2009-145 Information on printing material	1 28.08.2020	pdf 1266.67 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models
2009-145



CAE data

EPLAN Data Portal
2009-145



1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Accessories for marking devices



Item No.: 258-5008

Roller; for Smart Printer; for Mini-WSB In-line WAGO (2009-145); 1 grinding device

Installation Notes

Marking



Marking via Mini-WSB Quick Marking System.