

Data Sheet | Item Number: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

<https://www.wago.com/2009-115>



Color: ■ white

Technical data

Suitable	for WAGO Rail-Mount Terminal Blocks
Marking method	Thermal transfer
Marking	plain
Delivery form	Marker card
Delivery form configuration	1,500 WMB markers (5 mm)/reel
Flammability class per UL94	V2
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
Halogen-free	Yes
Weight	123.3 g
Fire load	2.354 MJ

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

Environmental Testing (Environmental Conditions)

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
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	2 (Terminal Block Accessories)
eCl@ss 10.0	27-14-11-37
eCl@ss 9.0	27-14-11-37
ETIM 9.0	EC000761
ETIM 8.0	EC000761
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4044918923590
Customs tariff number	39269097900

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 2009-115	↓

Documentation

Additional Information			
Allocation roller printing material	001.12.2016 10.09.2020	pdf 139.96 KB	↓

Bid Text			
2009-115	19.02.2019	xml 2.58 KB	↓
2009-115	04.01.2018	doc 23.50 KB	↓

Operating Instructions			
2009-115 Information on printing material	1 28.08.2020	pdf 1230.84 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 2009-115	↓

CAE data	
EPLAN Data Portal 2009-115	↓
ZUKEN Portal 2009-115	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Accessories for marking devices



Item No.: 258-5007
Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device

1.1.1.2 Marking device



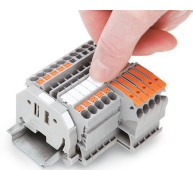
Item No.: 258-5000
Thermal transfer printer; Smart Printer; for complete control cabinet marking; 300 dpi; With marking material

Installation Notes

Application



Separating an individual marker from the WMB marker strip – for larger terminal blocks.



Snapping a marking strip into the marker slot.

Marking



Snapping a WMB marker strip into the marker slot of the double marker carrier.



Snapping a marking strip into the marker slot.