



Color: white Similar to illustration

Technical data		
Suitable		for Phoenix Contact's rail-mount terminal blocks; replaces UC-TM5 and ZB5 markers
Marking method		Thermal transfer
Marking		plain
Delivery form		Roll
Delivery form configuration		900 WMB markers (5 mm)/reel
Properties		for rail-mount terminal blocks from Phoenix Contact; replaces UC-TM5 and ZB5 markers
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

Material data		
Color		white
UV resistance		EN 60068-2-5:2010 Procedure B
Halogen-free		Yes
Weight		109.8 g
Fire load		0 MJ

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	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
		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	Acceleration	0.101g (highest test level used for all axes)



Environmental Testing (Environmental Conditions)	
Test duration per axis	10 min.
Test directions	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
Frequency	f ₁ = 5 Hz to f ₂ = 150 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 test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock 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 test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: 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	4055143807272
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 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 2009-515	

Documentation			
Additional Information		Operating Instructions	
Allocation roller printing material	001.12.2016 10.09.2020	pdf 139.96 KB	
		2009-515 Information on printing material	1 28.08.2020 pdf 1268.55 KB

CAD/CAE-Data	
CAD data	
2D/3D Models	
2009-515	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Accessories for marking devices



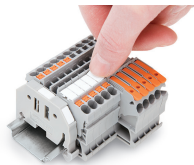
Item No.: 258-5009 Roller; for Smart Printer; for WMB-Inline Phoenix (2009-515); 1 grinding device
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Installation Notes

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.