

Data Sheet | Item Number: 2009-196

Group marker carrier; gray

<https://www.wago.com/2009-196>



Color: ■ gray

Technical data		
Suitable	snaps into jumper slot; for marking strips	

Physical data		
Width	10 mm / 0.394 inches	

Material data		
Color	gray	
Weight	0.8 g	
Fire load	0.021 MJ	

Environmental requirements					
Environmental Testing			Environmental Testing		
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06		Simulated service life test through in- creased levels of noise-like oscillations	Test passed according to Section 9 of the standard	
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz	
Spectrum/Mounting location	Service life test, Category 1, Class A/B		Acceleration	0.572g (highest test level used for all axes)	
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard		Test duration per axis	5 h	
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz		Test directions	X, Y and Z axes	
Acceleration	0.101g (highest test level used for all axes)		Extended testing: Monitoring of contact faults and interruptions	Passed	
Test duration per axis	10 min.		Extended testing: Voltage drop measure- ment before and after each axis	Passed	
Test directions	X, Y and Z axes		Shock test	Test passed according to Section 10 of the standard	
Monitoring of contact faults and interrup- tions	Passed		Shock pulse form	Half sine	
Voltage drop measurement before and after each axis	Passed		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	

Environmental Testing		
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)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454281311
Customs tariff number	39269097900

Product Classification	
UNSPSC	39121702
eCl@ss 10.0	27-14-40-75
eCl@ss 9.0	27-14-40-75
ETIM 9.0	EC002248
ETIM 10.0	EC002248
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 2009-196	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2009-196	WSCAD Universe 2009-196
	
	ZUKEN Portal 2009-196
	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Label



Item No.: 210-345
Labels; for laser printer; permanent adhesive;
9.5 x 25 mm; white

1.1.1.2 Marker



Item No.: 209-113
Cardboard signs; for laser printer; 9.5 x 25
mm; white