



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 0.024 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

Environmental Testing

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

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
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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 2009-196	↓
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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