



Color: ■ light gray

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.017 MJ
Weight	0.6 g

Environmental requirements

Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Extended testing: Monitoring of contact faults and interruptions	Passed
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Extended testing: Voltage drop measurement before and after each axis	Passed
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Shock test	Test passed according to Section 10 of the standard
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Shock pulse form	Half sine
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Acceleration	5g (highest test level used for all axes)
Acceleration	0.101g (highest test level used for all axes)	Shock duration	30 ms
Test duration per axis	10 min.	Number of shocks (per axis)	3 pos. und 3 neg.
Test directions	X, Y and Z axes	Test directions	X, Y and Z axes
Monitoring of contact faults and interruptions	Passed	Extended testing: Monitoring of contact faults and interruptions	Passed
Voltage drop measurement before and after each axis	Passed	Extended testing: 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	Vibration and shock stress for rolling stock equipment	Passed
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		

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	200 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918753494
Customs tariff number	39269097900

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 10.0	EC002848
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 2001-171	↓

Documentation

Bid Text			
2001-171	19.02.2019	xml 2.53 KB	↓
2001-171	27.04.2017	doc 23.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
2001-171



CAE data

EPLAN Data Portal
2001-171



WSCAD Universe
2001-171

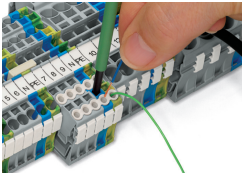


ZUKEN Portal
2001-171

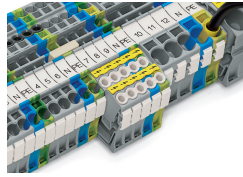


Installation Notes

Conductor termination



Conductor termination – insulation stop



Insulation stop (2002-171) and protective warning marker (2002-115)