

Color: ■ gray

Material data	
Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Fire load	0.004 MJ
Weight	0.2 g

Environmental requirements			
Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Shock pulse form	Half sine
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Acceleration	5g (highest test level used for all axes)
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Shock duration	30 ms
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Number of shocks (per axis)	3 pos. und 3 neg.
Frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 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 measurement before and after each axis	Passed
Test directions	X, Y and Z axes	Vibration and shock stress for rolling stock equipment	Passed
Monitoring of contact faults and interruptions	Passed		
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		
Frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 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 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		



Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	25 pcs
Packaging type	Foil
Country of origin	DE
GTIN	4050821107026
Customs tariff number	39269097900

Product Classification	
UNSPSC	39121702
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 8.0	EC002848
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 2006-191	<a href="#">↓</a>

Documentation

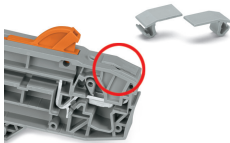
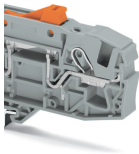
Bid Text			
2006-191	19.02.2019	xml 2.54 KB	<a href="#">↓</a>
2006-191	28.04.2017	doc 23.50 KB	<a href="#">↓</a>



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2006-191	WSCAD Universe 2006-191
	
	ZUKEN Portal 2006-191
	

Installation Notes

Cover



Cover (2006-191) seals unused conductor entry.

Cover (2006-191) seals unused conductor entry.