Data Sheet | Item Number: 2004-171

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

https://www.wago.com/2004-171



Color: light gray

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Fire load	0.029 MJ
Weight	1.1 g

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 Hz to f_2 = 150 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
Simulated service life test through increased levels of noise-like oscillations	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 testing: Monitoring of contact faults and interruptions	Passed

Environmental Testing

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
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

Continued on next page

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	200 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332068062
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

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 2004-171

Documentation

Bid Text

2004-171	19.02.2019	xml 2.53 KB	
2004-171	28.04.2017	doc 23.50 KB	

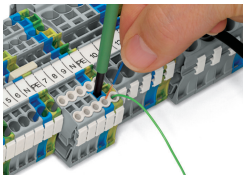
Continued on next page

CAD/CAE-Data

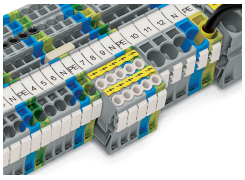
CAD data	CAE data
2D/3D Models 2004-171	EPLAN Data Portal 2004-171
	WSCAD Universe 2004-171
	ZUKEN Portal 2004-171

Installation Notes

Conductor termination



Conductor termination – insulation stop



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