

Data Sheet | Item Number: 2002-192

Lockout cap; for wire insertion and actuating opening; orange

<https://www.wago.com/2002-192>



Color: ■ orange

Material data

Note (material data)	Information on material specifications can be found here
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.002 MJ
Weight	0.1 g

Environmental requirements

Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Acceleration	0.572g (highest test level used for all axes)
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	5 h
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Test directions	X, Y and Z axes
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Extended testing: Monitoring of contact faults and interruptions	Passed
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$	Extended testing: Voltage drop measurement before and after each axis	Passed
Acceleration	0.101g (highest test level used for all axes)	Shock test	Test passed according to Section 10 of the standard
Test duration per axis	10 min.	Shock pulse form	Half sine
Test directions	X, Y and Z axes	Acceleration	5g (highest test level used for all axes)
Monitoring of contact faults and interruptions	Passed	Shock duration	30 ms
Voltage drop measurement before and after each axis	Passed	Number of shocks (per axis)	3 pos. und 3 neg.
Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard	Test directions	X, Y and Z axes
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$	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	22 (TOPJOB S)
PU (SPU)	25 pcs
Packaging type	Foil
Country of origin	DE
GTIN	4045454997380
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 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 2002-192	↓

Documentation

Bid Text			
2002-192	27.04.2017	doc 23.50 KB	↓
2002-192	19.02.2019	xml 2.54 KB	↓

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 2002-192		WSCAD Universe 2002-192	
		ZUKEN Portal 2002-192	

Installation Notes

Cover



Creating spacer housings for electric motor wiring rail-mount terminal blocks via lockout caps (2002-192) for conductor entry and operating slot.

Creating spacer housings for electric motor wiring rail-mount terminal blocks via lockout caps (2002-192) for conductor entry and operating slot.