



Color: ■ gray

Physical data	
Width	1 mm / 0.039 inches
Height	103.5 mm / 4.075 inches
Depth	83.9 mm / 3.303 inches

Mechanical data	
Mounting type	snap-on type

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.208 MJ
Weight	6.9 g

Environmental requirements			
Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06	Test duration per axis	10 min. 5 h
Railway applications – Rolling stock – Electronic equipment		Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04	Monitoring for contact faults/interruptions	Passed
Railway applications – Rolling stock equipment – Shock and vibration tests		Voltage drop measurement before and after each axis	Passed
Spectrum/Installation location	Service life test, Category 1, Class A/B	Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz	Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)	Shock test	Test passed according to Section 10 of the standard



Environmental Testing (Environmental Conditions)	
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed

Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454914059
Customs tariff number	85389099990

Product classification	
UNSPSC	39121702

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption