



Physical data

Width	1 mm / 0.039 inches
Height	72.7 mm / 2.862 inches
Depth	30.1 mm / 1.185 inches

Mechanical data

Mounting type	snap-on type
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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	0.073 MJ
Weight	2.4 g

Environmental requirements

Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Shock test	Test passed according to Section 10 of the standard
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	Shock form	Half sine
Spectrum/Installation location	Service life test, Category 1, Class A/B	Shock duration	30 ms
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Number of shocks per axis	3 pos. und 3 neg.
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Vibration and shock stress for rolling stock equipment	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)		
Test duration per axis	10 min. 5 h		
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes		
Monitoring for contact faults/interruptions	Passed		
Voltage drop measurement before and after each axis	Passed		
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard		
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed		
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed		

Commercial data

Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 8.0	EC000886
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	CN
GTIN	4017332074537
Customs tariff number	85389099990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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