



Electrical data

Ratings per IEC/EN		Ex information	
Nominal voltage (III/3)	800 V	Rated current (Ex e II)	20 A
Rated current	25 A		

Physical data

Width	8,6 mm / 0.339 inci
Height	4,1 mm / 0.161 inci
Depth	19 mm / 0.748 inci
Jumper assignment	1-2

Material data

Note (material data)	Information on material specifications can be found here
Color	gri deschis
Fire load	0.007 MJ
Weight	0.9 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	Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	Shock test	Test passed according to Section 10 of the standard
Spectrum/Installation location	Service life test, Category 1, Class A/B	Shock form	Half sine
Function test with noise-like vibration	Test passed according to Section 8 of the standard	Shock duration	30 ms
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$	Number of shocks per axis	3 pos. und 3 neg.
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)	Vibration and shock stress for rolling stock equipment	Passed
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		



Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	25 Buc.
Packaging type	Bag
Country of origin	DE
GTIN	4055143687171
Customs tariff number	85366990990

Product classification	
UNSPSC	39121421

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption