



Color: ■ orange

Electrical data		
Ratings per IEC/EN		
Nominal voltage (III/3)	1500 V	
Rated impulse withstand voltage (III / 3)	12 kV	
Rated current	30 A	

Material data		
Note (material data)	<a href="#">Information on material specifications can be found here</a>	
Color	orange	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.058 MJ	
Weight	3.2 g	

Environmental requirements		
Continuous operating temperature	105 °C	

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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 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	



Environmental Testing	
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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 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
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

Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	48 (12) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821372479
Customs tariff number	85366990990

Product Classification	
UNSPSC	39121421
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 8.0	EC002848
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA CSA Group	C22.2 No. 158	1543858

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 2006-8401	
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Documentation

Bid Text

2006-8401	19.02.2019	xml 2.57 KB	
2006-8401	28.04.2017	doc 23.50 KB	

CAD/CAE-Data

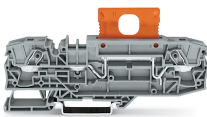
CAD data

2D/3D Models 2006-8401	
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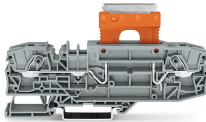
CAE data

WSCAD Universe 2006-8401	
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Installation Notes



Carrier terminal block with disconnect  
plug (2006-8401) in operating position



Carrier terminal block with disconnect  
plug (2006-8401) in parked position

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](https://www.wago.com)