



Color: ■ orange

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	800 V
Rated impulse withstand voltage (III / 3)	8 kV
Rated current	30 A

Material data

Note (material data)		Information on material specifications can be found here
Color	orange	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.029 MJ	
Weight	2.2 g	

Environmental requirements

Continuous operating temperature	105 °C	Environmental Testing (Environmental Conditions)	
		Test specification	DIN EN 50155 (VDE 0115-200):2022-06
		Railway applications – Rolling stock – Electronic equipment	
		Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04
		Railway applications – Rolling stock equipment – Shock and vibration tests	
		Spectrum/Installation location	Service life test, Category 1, Class A/B
		Function test with noise-like vibration	Test passed according to Section 8 of the standard
		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
		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



Environmental Testing (Environmental Conditions)	
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
Shock test	Test passed according to Section 10 of the standard
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	4050821175094
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

Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready



Downloads

Environmental Product Compliance

Compliance Search

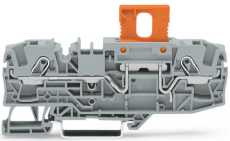
Environmental Product Compliance 2006-401

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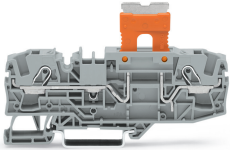
Documentation				
Bid Text				
2006-401	19.02.2019	xml	2.57 KB	↓
2006-401	28.04.2017	doc	23.50 KB	↓

CAD/CAE-Data	
<div>CAD data</div> <div>2D/3D Models</div> <div>2006-401</div> <div>↓</div>	<div>CAE data</div> <div>EPLAN Data Portal</div> <div>2006-401</div> <div>↓</div> <div>WSCAD Universe</div> <div>2006-401</div> <div>↓</div> <div>ZUKEN Portal</div> <div>2006-401</div> <div>↓</div>

Installation Notes



Carrier terminal block (2006-401) with disconnect plug (2006-1661) in operating position



Carrier terminal block (2006-401) with disconnect plug (2002-1661) in parked position