Data Sheet | Item Number: 2006-8401

Disconnect plug for carrier terminal blocks; for using a receptacle terminal block as a disconnect terminal block; orange

https://www.wago.com/2006-8401



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)	Information on material specifications can be found here
Color	orange
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.034 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_1 = 5 Hz to f_2 = 150 Hz
Acceleration	0.101g (highest test level used for all axes)
Test duration per axis	10 min.

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Environmental Testing

Test directions	X, Y and Z axes
Monitoring of contact faults and interruptions	Passed
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_1 = 5 Hz to f_2 = 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 10.0	EC002848
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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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

Documentation

Bid Text

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

CAD/CAE-Data

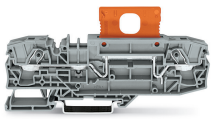
CAD data

2D/3D Models 2006-8401

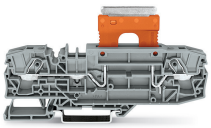
CAE data

WSCAD Universe 2006-8401

Installation Notes



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



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