



Color: ■ orange

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	500 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	24 A

Physical data

Width	3.3 mm / 0.13 inches
Height	3.9 mm / 0.154 inches
Depth	37.8 mm / 1.488 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	orange
Fire load	0.007 MJ
Weight	0.8 g

Environmental requirements

Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Acceleration	0.101g (highest test level used for all axes)
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Test duration per axis	10 min.
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Test directions	X, Y and Z axes
		Monitoring of contact faults and interruptions	Passed
		Voltage drop measurement before and after each axis	Passed

Environmental Testing

Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
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

PU (SPU)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143711227
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 9.0	EC000489
ETIM 10.0	EC000489
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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 2002-492/000-012



Documentation

Bid Text			
2002-492/000-012	19.02.2019	xml 2.64 KB	
2002-492/000-012	27.04.2017	doc 23.50 KB	

CAD/CAE-Data

CAD data
2D/3D Models 2002-492/000-012

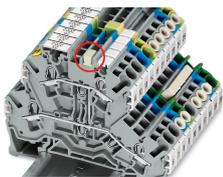


CAE data
EPLAN Data Portal 2002-492/000-012
WSCAD Universe 2002-492/000-012
ZUKEN Portal 2002-492/000-012



Installation Notes

Commoning



Commoning two levels via double-deck vertical jumper (2002-492).

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

Current addresses can be found at: www.wago.com