



Color: ■ light gray

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	500 V
Rated current	13.5 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	light gray	
Fire load	0.003 MJ	
Weight	0.5 g	

Environmental requirements

Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
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)

Environmental Testing (Environmental Conditions)	
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
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard



Environmental Testing (Environmental Conditions)	
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)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143711180
Customs tariff number	85366990990

Product classification	
UNSPSC	39121421

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 2000-492	↓

Documentation

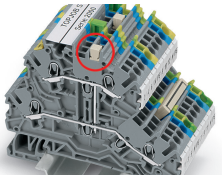
Additional Information		Bid Text	
Technical Section	pdf 2246.92 KB	2000-492	19.02.2019 xml 2.63 KB
	↓	2000-492	27.04.2017 doc 23.50 KB
			↓



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2000-492	EPLAN Data Portal 2000-492
	WSCAD Universe 2000-492
	ZUKEN Portal 2000-492

Installation Notes

Commoning



Commoning two levels via double-deck vertical jumper (Item No. 2000-492).