



Color: ■ blue

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	800 V
Rated impulse withstand voltage (III / 3)	8 kV
Rated current	25 A

Physical data

Width	10.9 mm / 0.429 inches
Height	4.1 mm / 0.161 inches
Depth	18.5 mm / 0.728 inches
Jumper assignment	1-3

Material data

Note (material data)	Information on material specifications can be found here
Color	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.008 MJ
Weight	0.9 g

Environmental requirements

Environmental Testing (Environmental Conditions)		Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06	Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
Railway applications – Rolling stock – Electronic equipment		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 procedure	DIN EN 61373 (VDE 0115-0106):2011-04	Test duration per axis	10 min. 5 h
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		



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

PU (SPU)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143690959
Customs tariff number	85366990990

Product classification

UNSPSC	39121410
--------	----------

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	2002-423/000-006		↓

Documentation

Bid Text			
2002-423/000-006	19.02.2019	xml 2.56 KB	↓
2002-423/000-006	27.04.2017	doc 23.50 KB	↓

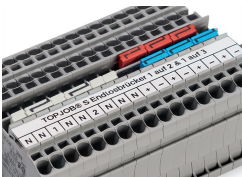
CAD/CAE-Data

CAD data	
2D/3D Models	2002-423/000-006
	↓

CAE data	
EPLAN Data Portal	2002-423/000-006
	↓
WSCAD Universe	2002-423/000-006
	↓
ZUKEN Portal	2002-423/000-006
	↓

Installation Notes

Commoning



The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.

Commoning



By combining a 1-to-2 continuous jumper with a 1-to-3 adjacent jumper, various commoning applications can be performed in just one jumper slot.

