



Color: ■ light gray

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	800 V
Rated impulse 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)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Fire load	0.005 MJ
Weight	0.8 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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz

Environmental Testing (Environmental Conditions)	
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
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



Environmental Testing (Environmental Conditions)	
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	
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 9.0	EC000489
ETIM 8.0	EC000489
PU (SPU)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143690874
Customs tariff number	85366990990

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

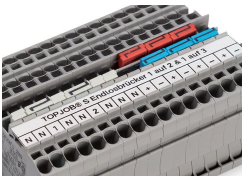
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2002-423	

Documentation				
Additional Information			Bid Text	
Technical Section	pdf	2246.92 KB	2002-423	19.02.2019
				xml
				2.56 KB
			2002-423	27.04.2017
				doc
				23.50 KB

CAD/CAE-Data				
CAD data			CAE data	
2D/3D Models			EPLAN Data Portal	
2002-423			2002-423	
			WSCAD Universe	
			2002-423	
			ZUKEN Portal	
			2002-423	

## 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.