

Color: ■ light gray

### Electrical data

#### Ratings per IEC/EN

Nominal voltage (III/3)	800 V
Rated impulse withstand voltage (III / 3)	8 kV
Rated current	76 A

### Physical data

Width	57.5 mm / 2.264 inches
Height	4.1 mm / 0.161 inches
Depth	23 mm / 0.906 inches
Jumper assignment	1-3-5

### Material data

Note (material data)

[Information on material specifications can be found here](#)

Color	light gray
Fire load	0.051 MJ
Weight	10.6 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	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$

#### 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**

PU (SPU)	25 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143702539
Customs tariff number	85366990990

**Product classification**

UNSPSC	39121421
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**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 2016-405/011-000	<a href="#">↓</a>

## Documentation

### Bid Text

2016-405/011-000	19.02.2019	xml 2.53 KB	↓
2016-405/011-000	28.04.2017	doc 24.00 KB	↓

## CAD/CAE-Data

### CAD data

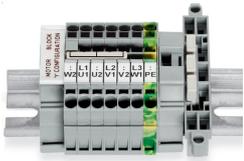
2D/3D Models 2016-405/011-000	↓
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### CAE data

EPLAN Data Portal 2016-405/011-000	↓
WSCAD Universe 2016-405/011-000	↓
ZUKEN Portal 2016-405/011-000	↓

## Installation Notes

### Commoning



This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S.