



Color: ■ orange

Physical data

| | |
|--------|------------------------|
| Width | 0.7 mm / 0.028 inches |
| Height | 85.9 mm / 3.382 inches |
| Depth | 32.9 mm / 1.295 inches |

Mechanical data

| | |
|---------------|--------------|
| Mounting type | snap-on type |
|---------------|--------------|

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | orange |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.056 MJ |
| Weight | 1.9 g |

Environmental requirements

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

Environmental Testing

| | |
|---|---|
| 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

| | |
|-----------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| PU (SPU) | 100 (25) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4050821100799 |
| Customs tariff number | 85389099990 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121702 |
| eCl@ss 10.0 | 27-14-11-33 |
| eCl@ss 9.0 | 27-14-11-33 |
| ETIM 9.0 | EC000886 |
| ETIM 10.0 | EC000886 |
| ECCN | NO US CLASSIFICATION |

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 2000-2196



Documentation

Bid Text

| | | | |
|-----------|------------|-----------------|---|
| 2000-2196 | 19.02.2019 | xml 2.51 KB |  |
| 2000-2196 | 27.04.2017 | doc 23.50 KB |  |

CAD/CAE-Data

CAD data

2D/3D Models
2000-2196



CAE data

EPLAN Data Portal
2000-2196



WSCAD Universe
2000-2196



ZUKEN Portal
2000-2196

