



Color: ■ orange

Physical data

| | |
|--------|------------------------|
| Width | 1 mm / 0.039 inches |
| Height | 65.9 mm / 2.594 inches |
| Depth | 29.3 mm / 1.114 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 | 0.055 MJ |
| Weight | 1.8 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 | $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ |
| 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) |
| eCl@ss 10.0 | 27-14-11-33 |
| eCl@ss 9.0 | 27-14-11-33 |
| ETIM 9.0 | EC000886 |
| ETIM 8.0 | EC000886 |
| PU (SPU) | 100 (25) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454343231 |
| Customs tariff number | 85389099990 |


| Environmental Product Compliance | |
|----------------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |

Approvals / Certificates

| Declarations of conformity and manufacturer's declarations | | |
|--|----------|------------------|
|  | | |
| Approval | Standard | Certificate Name |
| ATEX-Attestation of Conformity WAGO GmbH & Co. KG | - | - |
| ATEX-Attestation of Conformity WAGO GmbH & Co. KG | - | - |
| Railway WAGO GmbH & Co. KG | - | Railway Ready |

| Approvals for hazardous areas | | |
|--|-------------|------------------------------------|
|  | | |
| Approval | Standard | Certificate Name |
| ATEX KIWA Netherlands B.V. | EN 60079 | KIWA 17ATEX0030 U |
| CCC CNEX | GB/T 3836.3 | 2020312313000180 (Ex ec IIC Gc) |
| IECEX KIWA Netherlands B.V. | EN 60079 | IECEX KIWA 17.0014U (Ex ec IIC Gc) |

Downloads

| Environmental Product Compliance | |
|--|---|
| Compliance Search | |
| Environmental Product Compliance 2002-1692 |  |

Documentation

Additional Information

| | | |
|-------------------|-------------------|-------------------|
| Technical Section | pdf 2246.92 KB | ↓ |
|-------------------|-------------------|-------------------|

Bid Text

| | | | |
|-----------|------------|-----------------|-------------------|
| 2002-1692 | 19.02.2019 | xml 2.51 KB | ↓ |
| 2002-1692 | 27.04.2017 | doc 23.50 KB | ↓ |

CAD/CAE-Data

CAD data

| | |
|---------------------------|-------------------|
| 2D/3D Models 2002-1692 | ↓ |
|---------------------------|-------------------|

CAE data

| | |
|--------------------------------|-------------------|
| EPLAN Data Portal 2002-1692 | ↓ |
| WSCAD Universe 2002-1692 | ↓ |
| ZUKEN Portal 2002-1692 | ↓ |