



Color: ■ orange

| Physical data |                        |
|---------------|------------------------|
| Width         | 1 mm / 0.039 inches    |
| Height        | 95.7 mm / 3.768 inches |
| Depth         | 30.4 mm / 1.197 inches |

| Mechanical data |              |
|-----------------|--------------|
| Mounting type   | snap-on type |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | orange                                                                   |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.094 MJ                                                                 |
| Weight                             | 3.1 g                                                                    |

| Environmental requirements                                                                         |                                                                                                                                             |                                                                              |                                                       |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------|
| Environmental Testing (Environmental Conditions)                                                   |                                                                                                                                             | Environmental Testing (Environmental Conditions)                             |                                                       |
| Test specification<br>Railway applications –<br>Rolling stock –<br>Electronic equipment            | DIN EN 50155 (VDE 0115-200):2022-06                                                                                                         | Test duration per axis                                                       | 10 min.<br>5 h                                        |
| Test procedure<br>Railway applications –<br>Rolling stock equipment –<br>Shock and vibration tests | DIN EN 61373 (VDE 0115-0106):2011-04                                                                                                        | Test directions                                                              | X, Y and Z axes<br>X, Y and Z axes<br>X, Y and Z axes |
| Spectrum/Installation location                                                                     | Service life test, Category 1, Class A/B                                                                                                    | Monitoring for contact faults/interruptions                                  | Passed                                                |
| Function test with noise-like vibration                                                            | Test passed according to Section 8 of the standard                                                                                          | Voltage drop measurement before and after each axis                          | Passed                                                |
| Frequency                                                                                          | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz<br>f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz                                        | Simulated service life test through increased levels of noise-like vibration | Test passed according to Section 9 of the standard    |
| Acceleration                                                                                       | 0.101g (highest test level used for all axes)<br>0.572g (highest test level used for all axes)<br>5g (highest test level used for all axes) | Extended test scope: Monitoring for contact faults/interruptions             | Passed<br>Passed                                      |
|                                                                                                    |                                                                                                                                             | Extended test scope: Voltage drop measurement before and after each axis     | Passed<br>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                  | 4066966275568 |
| Customs tariff number | 85389099990   |

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