



Color: ■ gray

| Physical data |  |                        |
|---------------|--|------------------------|
| Width         |  | 0.8 mm / 0.031 inches  |
| Height        |  | 59 mm / 2.323 inches   |
| Depth         |  | 28.9 mm / 1.138 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                              |  | gray                                                                     |
| Material group                     |  | I                                                                        |
| Insulation material (main housing) |  | Polyamide (PA66)                                                         |
| Flammability class per UL94        |  | V0                                                                       |
| Fire load                          |  | 0.039 MJ                                                                 |
| Weight                             |  | 1.5 g                                                                    |

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



| Environmental Testing                                                 |                                                     |
|-----------------------------------------------------------------------|-----------------------------------------------------|
| 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     | CN            |  |
| GTIN                  | 4055143234214 |  |
| 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                         |          |                  | Approvals for hazardous areas                                                                    |             |                                                 |
|------------------------------------------------------------------------------------|----------|------------------|--------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------|
|  |          |                  |  <b>IECEx</b> |             |                                                 |
| Approval                                                                           | Standard | Certificate Name | Approval                                                                                         | Standard    | Certificate Name                                |
| Railway<br>WAGO GmbH & Co. KG                                                      | -        | Railway Ready    | CCC<br>CQST/CNEEx                                                                                | GB/T 3836.3 | 2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)     |
|                                                                                    |          |                  | IECEx<br>Physikalisch Technische Bundesanstalt                                                   | IEC 60079   | IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb) |

| Bid Text  |            |                 |                          |
|-----------|------------|-----------------|--------------------------|
| 2002-1391 | 19.02.2019 | xml<br>2.51 KB  | <a href="#"><u>↓</u></a> |
| 2002-1391 | 27.04.2017 | doc<br>23.50 KB | <a href="#"><u>↓</u></a> |

| CAD data     |                   |
|--------------|-------------------|
| 2D/3D Models | <a href="#">↓</a> |
| 2002-1391    |                   |

|                                |                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------|
| EPLAN Data Portal<br>2002-1391 |  |
| WSCAD Universe<br>2002-1391    |  |
| ZUKEN Portal 2002-1391         |  |