



Color: ■ light gray



Technical data

|                    |          |
|--------------------|----------|
| Number of spacings | 4 -times |
|--------------------|----------|

Electrical data

|               |      |
|---------------|------|
| Rated current | 14 A |
|---------------|------|

Physical data

|        |                        |
|--------|------------------------|
| Width  | 12.9 mm / 0.508 inches |
| Height | 4.1 mm / 0.161 inches  |
| Depth  | 19 mm / 0.748 inches   |



| Material data |  |            |
|---------------|--|------------|
| Color         |  | light gray |
| Fire load     |  | 0.009 MJ   |
| Weight        |  | 1.1 g      |

| Commercial data       |  |               |
|-----------------------|--|---------------|
| Product Group         |  | 22 (TOPJOB S) |
| PU (SPU)              |  | 25 pcs        |
| Packaging type        |  | Bag           |
| Country of origin     |  | DE            |
| GTIN                  |  | 4055143695589 |
| Customs tariff number |  | 85366990990   |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 39121421             |
| eCl@ss 10.0            |  | 27-14-11-40          |
| eCl@ss 9.0             |  | 27-14-11-40          |
| ETIM 9.0               |  | EC000489             |
| ETIM 10.0              |  | EC000489             |
| ECCN                   |  | NO US CLASSIFICATION |

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

Environmental requirements

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

| Environmental Testing                                                 |  |                                                     |
|-----------------------------------------------------------------------|--|-----------------------------------------------------|
| 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                                              |

## Declarations of conformity and manufacturer's declarations



| Approval                      | Standard | Certificate Name |
|-------------------------------|----------|------------------|
| Railway<br>WAGO GmbH & Co. KG | -        | Railway Ready    |

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 2000-404 

| Bid Text |            |                 |                   |
|----------|------------|-----------------|-------------------|
| 2000-404 | 19.02.2019 | xml<br>2.51 KB  | <a href="#">↓</a> |
| 2000-404 | 27.04.2017 | doc<br>23.50 KB | <a href="#">↓</a> |

**CAD data**  
 2D/3D Models 2000-404 

## CAE data

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| EPLAN Data Portal<br>2000-404 |  |
| WSCAD Universe<br>2000-404    |  |
| ZUKEN Portal 2000-404         |  |