



Color: ■ light gray

| Electrical data         |       |                         |      |
|-------------------------|-------|-------------------------|------|
| Ratings per IEC/EN      |       | Ex information          |      |
| Nominal voltage (III/3) | 800 V | Rated current (Ex e II) | 12 A |
| Rated current           | 14 A  |                         |      |

| Physical data     |                        |
|-------------------|------------------------|
| Width             | 23.5 mm / 0.925 inches |
| Height            | 4.1 mm / 0.161 inches  |
| Depth             | 19 mm / 0.748 inches   |
| Jumper assignment | 1-7                    |

| Material data        |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Color                | light gray                                                               |
| Fire load            | 0.012 MJ                                                                 |
| Weight               | 1.3 g                                                                    |

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

### Environmental Testing

|                                                                                 |                                                     |
|---------------------------------------------------------------------------------|-----------------------------------------------------|
| 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 $f_2 = 150 \text{ Hz}$      |
| 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)              | 25 pcs        |
| Packaging type        | Bag           |
| Country of origin     | DE            |
| GTIN                  | 4055143697774 |
| 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 |
|------------------------|-------------------------|



Approvals / Certificates

Declarations of conformity and manufacturer's declarations



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

Downloads

Environmental Product Compliance

| Compliance Search                            |
|----------------------------------------------|
| Environmental Product<br>Compliance 2000-437 |



Documentation

| Bid Text |            |                 |  |
|----------|------------|-----------------|--|
| 2000-437 | 19.02.2019 | xml<br>2.52 KB  |  |
| 2000-437 | 27.04.2017 | doc<br>23.50 KB |  |

CAD/CAE-Data

| CAD data                 |
|--------------------------|
| 2D/3D Models<br>2000-437 |



| CAE data                      |
|-------------------------------|
| EPLAN Data Portal<br>2000-437 |
| WSCAD Universe<br>2000-437    |
| ZUKEN Portal<br>2000-437      |

