



Color: ■ light gray

Similar to illustration

| Electrical data                                                                                    |                                                                                                      |                                                                          |                                                                                                                                             |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Ratings per IEC/EN                                                                                 |                                                                                                      | Ex information                                                           |                                                                                                                                             |
| Nominal voltage (III/3)                                                                            | 800 V                                                                                                | Rated current (Ex e II)                                                  | 16 A                                                                                                                                        |
| Rated current                                                                                      | 18 A                                                                                                 |                                                                          |                                                                                                                                             |
| Physical data                                                                                      |                                                                                                      |                                                                          |                                                                                                                                             |
| Width                                                                                              | 19.7 mm / 0.776 inches                                                                               |                                                                          |                                                                                                                                             |
| Height                                                                                             | 4.1 mm / 0.161 inches                                                                                |                                                                          |                                                                                                                                             |
| Depth                                                                                              | 19 mm / 0.748 inches                                                                                 |                                                                          |                                                                                                                                             |
| Jumper assignment                                                                                  | 1-2-3-4-5                                                                                            |                                                                          |                                                                                                                                             |
| Material data                                                                                      |                                                                                                      |                                                                          |                                                                                                                                             |
| Note (material data)                                                                               |                                                                                                      | <a href="#">Information on material specifications can be found here</a> |                                                                                                                                             |
| Color                                                                                              | light gray                                                                                           |                                                                          |                                                                                                                                             |
| Insulation material (main housing)                                                                 | Polyamide (PA66)                                                                                     |                                                                          |                                                                                                                                             |
| Flammability class per UL94                                                                        | V0                                                                                                   |                                                                          |                                                                                                                                             |
| Fire load                                                                                          | 0.015 MJ                                                                                             |                                                                          |                                                                                                                                             |
| Weight                                                                                             | 1.8 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                                                                  | 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) |
| Test procedure<br>Railway applications –<br>Rolling stock equipment –<br>Shock and vibration tests | DIN EN 61373 (VDE 0115-0106):2011-04                                                                 | Test duration per axis                                                   | 10 min.<br>5 h                                                                                                                              |
| Spectrum/Installation location                                                                     | Service life test, Category 1, Class A/B                                                             | Test directions                                                          | X, Y and Z axes<br>X, Y and Z axes<br>X, Y and Z axes                                                                                       |
| Function test with noise-like vibration                                                            | Test passed according to Section 8 of the standard                                                   | Monitoring for contact faults/interruptions                              | 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 | Voltage drop measurement before and after each axis                      | Passed                                                                                                                                      |



| Environmental Testing (Environmental Conditions)                             |                                                     |
|------------------------------------------------------------------------------|-----------------------------------------------------|
| 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<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 |
| 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           | 27-14-11-40   |
| eCl@ss 9.0            | 27-14-11-40   |
| ETIM 9.0              | EC000489      |
| ETIM 8.0              | EC000489      |
| PU (SPU)              | 25 pcs        |
| Packaging type        | Bag           |
| Country of origin     | DE            |
| GTIN                  | 4055143698474 |
| Customs tariff number | 85366990990   |

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