



Color: ■ light gray

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             | 15.5 mm / 0.61 inches |
| Height            | 4.1 mm / 0.161 inches |
| Depth             | 19 mm / 0.748 inches  |
| Jumper assignment | 1-4                   |

Material data

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Color                | light gray                                                               |
| Fire load            | 0.009 MJ                                                                 |
| Weight               | 1.2 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                | Monitoring of contact faults and interruptions                                  | Passed                                             |
| Test procedure:<br>Railway applications –<br>Rolling stock equipment –<br>Vibration and shock tests | DIN EN 61373 (VDE 0115-0106):2011-04               | Voltage drop measurement before and after each axis                             | Passed                                             |
| Spectrum/Mounting location                                                                          | Service life test, Category 1, Class A/B           | Simulated service life test through increased levels of noise-like oscillations | Test passed according to Section 9 of the standard |
| 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   |
| 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                                                |
| Test duration per axis                                                                              | 10 min.                                            | Test directions                                                                 | X, Y and Z axes                                    |
| 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                                              |

| Commercial data       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| PU (SPU)              | 25 pcs        |
| Packaging type        | Bag           |
| Country of origin     | DE            |
| GTIN                  | 4055143699518 |
| 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 8.0               | 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 Compliance 2001-434 |  |  | <a href="#">↓</a> |

| Documentation |            |                 |                   |
|---------------|------------|-----------------|-------------------|
| Bid Text      |            |                 |                   |
| 2001-434      | 27.04.2017 | doc<br>23.50 KB | <a href="#">↓</a> |
| 2001-434      | 19.02.2019 | xml<br>2.52 KB  | <a href="#">↓</a> |

| CAD/CAE-Data             |  |                               |                   |
|--------------------------|--|-------------------------------|-------------------|
| CAD data                 |  | CAE data                      |                   |
| 2D/3D Models<br>2001-434 |  | EPLAN Data Portal<br>2001-434 | <a href="#">↓</a> |
|                          |  | WSCAD Universe<br>2001-434    | <a href="#">↓</a> |
|                          |  | ZUKEN Portal<br>2001-434      | <a href="#">↓</a> |