



Color: ■ orange

Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 500 V |
| Rated current | 30 A |

Physical data

| | |
|-------------------|------------------------|
| Width | 39.2 mm / 1.543 inches |
| Depth | 13 mm / 0.512 inches |
| Jumper assignment | 1-2-3-4-5 |

Material data

| | |
|----------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | orange |
| Fire load | 0.028 MJ |
| Weight | 5.2 g |

Environmental requirements

Environmental Testing

| | |
|---|--|
| Test specification: Railway applications – Rolling stock – Electronic equipment | DIN EN 50155 (VDE 0115-200):2022-06 |
| Test procedure: Railway applications – Rolling stock equipment – 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 | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |

Environmental Testing

| | |
|---|--|
| 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 | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |

| Environmental Testing | |
|---|---|
| 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) | 50 (10) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4050821458432 |
| 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 WAGO GmbH & Co. KG | - | Railway Ready |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2007-8445



Documentation

Bid Text

| | | | |
|-----------|------------|-----------------|--|
| 2007-8445 | 28.04.2017 | doc 23.00 KB | |
| 2007-8445 | 19.02.2019 | xml 2.52 KB | |

CAD/CAE-Data

CAD data

2D/3D Models
2007-8445



CAE data

EPLAN Data Portal
2007-8445



WSCAD Universe
2007-8445



ZUKEN Portal
2007-8445



Installation Notes

Commoning



Preparing shorting path for the current transformer circuits.



Insert insulated, touch-proof circuit jumpers into jumper slot.



Insert insulated, touch-proof circuit jumpers into jumper slot.