

Data Sheet | Item Number: 2000-436
Jumper; from 1 to 6; insulated; light gray

<https://www.wago.com/2000-436>



Color: ■ light gray

Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 14 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 12 A |
|-------------------------|------|

Physical data

| | |
|-------------------|-----------------------|
| Width | 20 mm / 0.787 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 19 mm / 0.748 inches |
| Jumper assignment | 1-6 |

Material data

| | |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
| Color | light gray |
| Fire load | 0.009 MJ |
| Weight | 1.1 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 |

Environmental Testing

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

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 | 4055143697293 |
| 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 2000-436 |

Documentation

| Bid Text | | | |
|----------|------------|-----------------|--|
| 2000-436 | 19.02.2019 | xml 2.52 KB | |
| 2000-436 | 27.04.2017 | doc 23.50 KB | |

CAD/CAE-Data

| CAD data |
|--------------------------|
| 2D/3D Models 2000-436 |

| CAE data |
|-------------------------------|
| EPLAN Data Portal 2000-436 |
| WSCAD Universe 2000-436 |
| ZUKEN Portal 2000-436 |

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com