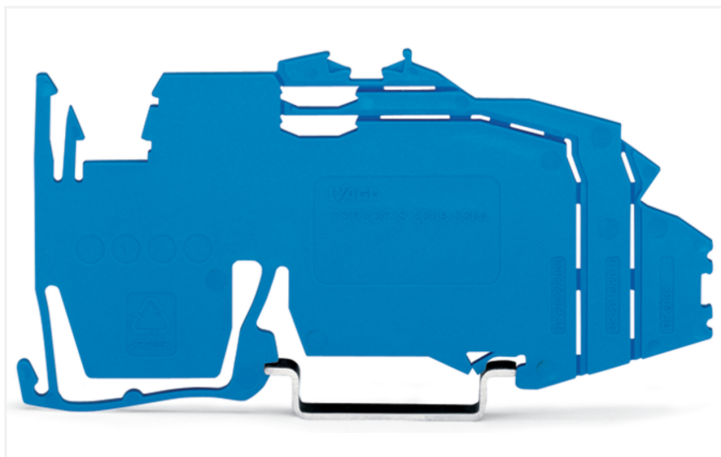


Data Sheet | Item Number: 2009-304

Busbar carrier; not suitable for use as end stop; for DIN 35 rail; 1.5 mm thick; blue

<https://www.wago.com/2009-304>



Color: ■ blue

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 1.5 mm / 0.059 inches |
| Height | 96 mm / 3.78 inches |
| Depth from upper-edge of DIN-rail | 42.5 mm / 1.673 inches |

Material data

| | |
|------------------------------------|------------------|
| Color | blue |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.151 MJ |
| Weight | 5 g |

Commercial data

| | |
|-----------------------|--------------------------------|
| Product Group | 2 (Terminal Block Accessories) |
| PU (SPU) | 100 (25) pcs |
| Packaging type | Box |
| Country of origin | CN |
| GTIN | 4044918969956 |
| Customs tariff number | 39269097900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121702 |
| eCl@ss 10.0 | 27-40-06-07 |
| eCl@ss 9.0 | 27-40-06-07 |
| ETIM 9.0 | EC001166 |
| ETIM 10.0 | EC001166 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

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

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 $f_2 = 150 \text{ Hz}$ |
| 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 $f_2 = 150 \text{ Hz}$ |
| 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 |

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 2009-304



Documentation

Bid Text

| | | | |
|----------|------------|-----------------|--|
| 2009-304 | 28.04.2017 | doc 23.00 KB | |
| 2009-304 | 19.02.2019 | xml 2.68 KB | |

CAD/CAE-Data

CAD data

2D/3D Models
2009-304



CAE data

EPLAN Data Portal
2009-304



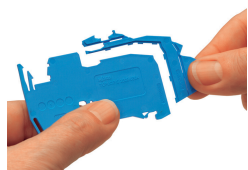
WSCAD Universe
2009-304



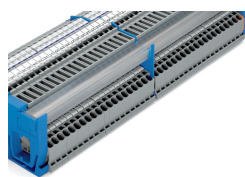
ZUKEN Portal
2009-304



Installation Notes



Perforations make it possible to fit the carrier to all TOPJOB® S Installation Rail-Mount Terminal Blocks using a single part.



The compact busbar carrier (1.5 mm thick), which is placed every 200 mm, provides additional busbar support for longer assemblies.

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

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