

Data Sheet | Item Number: 2009-114/000-023

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green

<https://www.wago.com/2009-114/000-023>



Color: ■ green

Similar to illustration

Technical data

| | |
|-----------------------------|--|
| Suitable | for WAGO Rail-Mount Terminal Blocks |
| Marking method | Thermal transfer |
| Marking | plain |
| Delivery form | Roll |
| Delivery form configuration | 2,000 WMB markers (4 mm)/reel |
| Flammability class per UL94 | V2 |
| Printing device | Smart Printer (thermal transfer printer) |

Physical data

| | |
|--------------------|--------------|
| Marker/strip width | 4 ... 4.2 mm |
| Marker width | 4 mm |

Mechanical data

| | |
|------------------|---|
| Smear resistance | in conjunction with 258-5005 Ink Ribbon |
|------------------|---|

Material data

| | |
|---------------|-------------------------------|
| Color | green |
| UV resistance | EN 60068-2-5:2010 Procedure B |
| Halogen-free | Yes |
| Weight | 124.2 g |
| Fire load | 2.368 MJ |

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Bag |
| Country of origin | DE |
| GTIN | 4055143367943 |
| Customs tariff number | 39269097900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 55121612 |
| eCl@ss 10.0 | 27-14-11-37 |
| eCl@ss 9.0 | 27-14-11-37 |
| ETIM 9.0 | EC000761 |
| ETIM 10.0 | EC000761 |
| 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 2009-114/000-023 |



Documentation

| Operating Instructions | | | |
|---|---|------------|-------------------|
| 2009-115 Information on printing material | 1 | 28.08.2020 | pdf 1230.84 KB |



CAD/CAE-Data

| CAD data |
|----------------------------------|
| 2D/3D Models 2009-114/000-023 |



| CAE data |
|---------------------------------------|
| EPLAN Data Portal 2009-114/000-023 |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Accessories for marking devices



Item No.: 258-5007

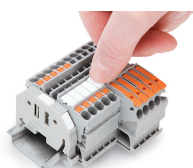
Roller; for Smart Printer; for WMB-Inline WA-GO (2009-115, -114, -113); 1 grinding device

Installation Notes

Application



Separating an individual marker from the WMB marker strip – for larger terminal blocks.



Snapping a marking strip into the marker slot.

Marking



Snapping a WMB marker strip into the marker slot of the double marker carrier.



Snapping a marking strip into the marker slot.