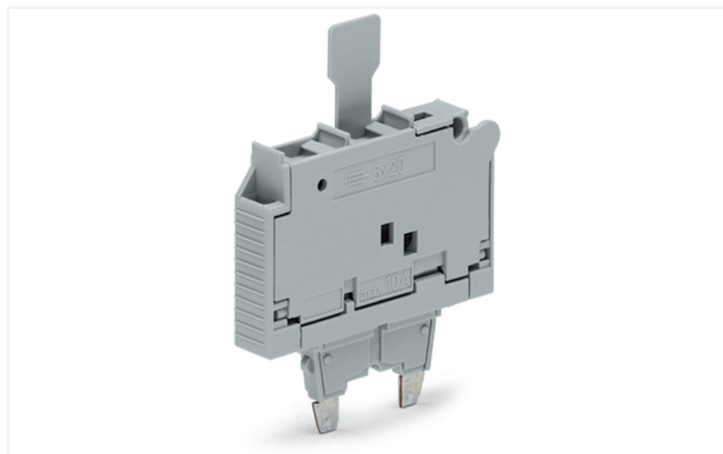
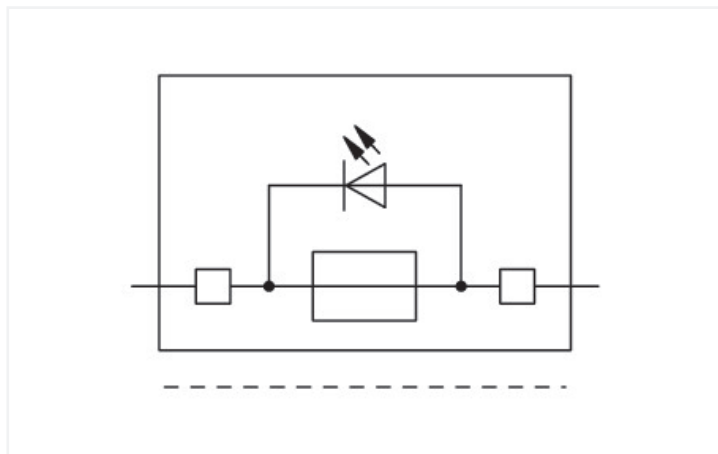


<https://www.wago.com/2006-911/1000-836>



Similar to illustration



This fuse plug (item number 2006-911/1000-836) is designed for seamless electrical installations. The gray housing is made of polyamide (PA66) for insulation.

|                            |                     |
|----------------------------|---------------------|
| Nominal voltage (III/3)    | 800 V               |
| Rated current              | 10 A                |
| Operation status indicator | 230 V               |
| Blown fuse indication      | with indicator lamp |

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| Ratings (note)       | Electrical ratings are given by the fuse and blown fuse indication. |
| Rated current (note) | Leakage current in case of a blown fuse:<br>LED 2 mA                |

| Use group     | B     | C     | D |
|---------------|-------|-------|---|
| Rated voltage | 230 V | 230 V | - |
| Rated current | 15 A  | 15 A  | - |

| Use group     | B     | C     | D |
|---------------|-------|-------|---|
| Rated voltage | 600 V | 600 V | - |
| Rated current | 15 A  | 15 A  | - |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power loss (max.) $P_{I(max)}$ (note) | When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers. |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                             |
|-----------|-----------------------------|
| Fuse type | Cylindrical fuse; 5 x 20 mm |
|-----------|-----------------------------|



| Physical data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Width                              | 7.4 mm / 0.291 inches                                                    |
| Mechanical data                    |                                                                          |
| Marking level                      | Center marking                                                           |
| Material data                      |                                                                          |
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | gray                                                                     |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.113 MJ                                                                 |
| Weight                             | 6.6 g                                                                    |

| Environmental requirements                                                                          |                                                     |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Continuous operating temperature                                                                    | -60 ... +105 °C                                     |
| Environmental Testing                                                                               |                                                     |
| Test specification:<br>Railway applications –<br>Rolling stock –<br>Electronic equipment            | DIN EN 50155 (VDE 0115-200):2022-06                 |
| Test procedure:<br>Railway applications –<br>Rolling stock equipment –<br>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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 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                                              |



| Environmental Testing                                                 |        |
|-----------------------------------------------------------------------|--------|
| 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        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4045454820978 |
| Customs tariff number | 85366990990   |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121624             |
| eCl@ss 10.0            | 27-14-11-49          |
| eCl@ss 9.0             | 27-14-11-49          |
| ETIM 9.0               | EC002018             |
| ETIM 8.0               | EC002018             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                           |
|-------------------------------------------|-------------------------------------------|
| CAS-No.                                   | 1303-86-2<br>1317-36-8<br>7439-92-1       |
| REACH Candidate List Substance            | Diboron trioxide<br>Lead<br>Lead monoxide |
| RoHS Compliance Status                    | Compliant,With Exemption                  |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II         |
| SCIP notification number (Austria)        | 060044e5-54b2-4466-91f5-d1730b5f0113      |
| SCIP notification number (Belgium)        | f1366adb-b153-427d-8e12-5faef8ed776c      |
| SCIP notification number (Bulgaria)       | 0275286d-d84e-43fa-8166-1e11d4d97863      |
| SCIP notification number (Czech Republic) | 024203eb-fc3d-46ce-add1-722313bce998      |
| SCIP notification number (Denmark)        | a5b5d698-eb87-4006-9df9-080832213db3      |
| SCIP notification number (Finland)        | 4d60415d-9588-4bd1-88c3-4e877f0c5d17      |
| SCIP notification number (France)         | aff8df57-3749-4e5c-b6a2-63ea2b3e4322      |
| SCIP notification number (Germany)        | 8ec36b2d-ad31-48e4-ad92-a5a96a2f3054      |
| SCIP notification number (Hungary)        | 4136b64f-c5d7-4fc8-a474-48aca27a4802      |
| SCIP notification number (Italy)          | 3632056a-63c5-4b28-92fd-cb0c9e2cd0bd      |
| SCIP notification number (Netherlands)    | 8424c330-d522-4c84-bcc8-f6f79e5c001c      |
| SCIP notification number (Poland)         | 725ac8e2-ca06-4e8d-b63d-0cd203462cc2      |
| SCIP notification number (Romania)        | 0b98eb31-508c-48e7-955a-20135fc7ca94      |
| SCIP notification number (Sweden)         | 0d3c96f2-5c7f-4b29-893f-ec703b91f80f      |



Approvals / Certificates

General approvals



| Approval                             | Standard      | Certificate Name |
|--------------------------------------|---------------|------------------|
| CCA<br>DEKRA Certification B.V.      | IEC 60947     | 71-122840 REV.1  |
| CCA<br>DEKRA Certification B.V.      | EN 60947      | NTR NL 7925/1    |
| CSA<br>CSA Group                     | C22.2 No. 158 | 1543858          |
| UR<br>Underwriters Laboratories Inc. | UL 1059       | E45172           |

Declarations of conformity and manufacturer's declarations



| Approval                                                | Standard | Certificate Name |
|---------------------------------------------------------|----------|------------------|
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |
| Railway<br>WAGO GmbH & Co. KG                           | -        | Railway Ready    |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

Approvals for marine applications



| Approval                                              | Standard | Certificate Name |
|-------------------------------------------------------|----------|------------------|
| ABS<br>American Bureau of Ship-<br>ping               | EN 60947 | 24-0152298-PDA   |
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd | -        | TAE00001V2       |
| LR<br>Lloyds Register                                 | EN 60947 | LR23325966TA     |

Downloads

Environmental Product Compliance

| Compliance Search                                        |  |
|----------------------------------------------------------|--|
| Environmental Product<br>Compliance<br>2006-911/1000-836 |  |

Documentation

| Bid Text          |            |                  |  |
|-------------------|------------|------------------|--|
| 2006-911/1000-836 | 19.02.2019 | xml<br>2.97 KB   |  |
| 2006-911/1000-836 | 07.08.2018 | docx<br>13.96 KB |  |



| CAD/CAE-Data                                                                      |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CAD data                                                                          | CAE data                                                                            |
| 2D/3D Models<br>2006-911/1000-836                                                 | WSCAD Universe<br>2006-911/1000-836                                                 |
|  |  |
|                                                                                   | ZUKEN Portal<br>2006-911/1000-836                                                   |
|                                                                                   |  |

| 1 Compatible Products    |
|--------------------------|
| 1.1 Optional Accessories |
| 1.1.1 Jumper             |
| 1.1.1.1 Jumper           |



**Item No.: 281-503**  
Short circuit jumper; for fuse holder; silver-colored

| 1.1.2 Marking  |
|----------------|
| 1.1.2.1 Marker |



**Item No.: 793-5501/000-006**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 793-5501/000-014**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



**Item No.: 793-5501/000-007**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 793-5501/000-023**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 793-5501/000-017**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 793-5501/000-012**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 793-5501/000-024**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 794-5615**  
WMB marking card; as card; MARKED; F1, ..., F10 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



**Item No.: 794-5616**  
WMB marking card; as card; MARKED; F11, ..., F20 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



**Item No.: 794-5617**  
WMB marking card; as card; MARKED; F21, ..., F30 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



**Item No.: 794-5618**  
WMB marking card; as card; MARKED; F31, ..., F40 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



**Item No.: 794-5619**  
WMB marking card; as card; MARKED; F41, ..., F50 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



**Item No.: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 793-501/000-002**  
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



1.1.2.1 Marker



**Item No.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-115/000-007**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-115/000-023**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-115/000-017**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.2.2 Marking strip



**Item No.: 2009-110**  
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.3 Screwless end stop

1.1.3.1 Mounting accessories



**Item No.: 249-117**  
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray



**Item No.: 249-116**  
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.4 Terminal blocks

1.1.4.1 Carrier terminal block for modules and plugs



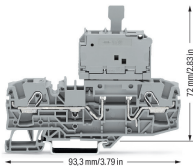
**Item No.: 2006-1664**  
2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm<sup>2</sup>; Push-in CAGE CLAMP®; 6,00 mm<sup>2</sup>; blue



**Item No.: 2006-1661**  
2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm<sup>2</sup>; Push-in CAGE CLAMP®; 6,00 mm<sup>2</sup>; gray

Installation Notes

Installation



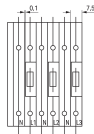
**Fuse plug dimensions**  
Pivoting fuse holder with spare fuse holder



Installation



The end plate ensures that the fuse can only be removed when the fuse plug is pulled out.



Open side of terminal block left

When using 10.4 mm wide plugs, please note:  
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for with intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.