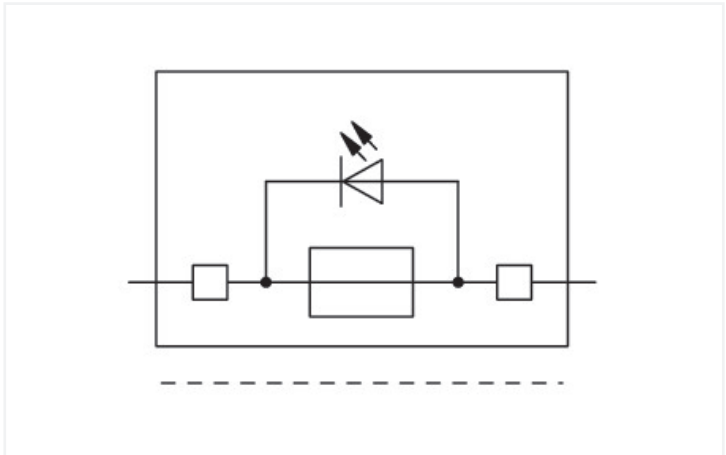


Color: ■ gray

Similar to illustration

Fuse plug, 2006 Series, gray

This fuse plug (item number 2006-931/1099-836) provides fault-free electrical installations. The gray housing is made of polyamide (PA66) for insulation.



Electrical data				
Ratings per IEC/EN		Ratings per IEC/EN – Notes		
Nominal voltage (III/3)	800 V	Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.	
Rated current	10 A	Rated current (note)	Leakage current in case of a blown fuse: LED 2 mA	
Operation status indicator	230 V			
Blown fuse indication	with indicator lamp			

Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		230 V	230 V	-
Rated current		15 A	15 A	-

Approvals per		CSA 22.2 No 158		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		15 A	15 A	-

Power Loss	
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.

General information	
Fuse type	Cylindrical fuse; ¼" x 1¼"



Physical data	
Width	10.4 mm / 0.409 inches

Mechanical data	
Marking level	Center marking

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.11 MJ
Weight	6.6 g

Environmental requirements	
Continuous operating temperature	-60 ... +105 °C
Environmental Testing (Environmental Conditions)	
Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	f ₁ = 5 Hz to f ₂ = 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 for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Frequency	f ₁ = 5 Hz to f ₂ = 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 test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock 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 test scope: Monitoring for contact faults/interruptions	Passed



Environmental Testing (Environmental Conditions)	
Extended test scope: 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	4045454821135
Customs tariff number	85366990990

Product classification	
UNSPSC	39121626
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 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	967449db-a260-40c8-b6a4-2af59bde2f8d
SCIP notification number (Belgium)	8fa39c78-124d-4ddb-9341-3b630719e6cf
SCIP notification number (Bulgaria)	329a5c2e-9705-485c-a3dc-ac76295a098f
SCIP notification number (Czech Republic)	b2b447f2-8a40-4360-bee6-7c9ea465c9d6
SCIP notification number (Denmark)	2e2e9e45-0a01-465e-87e9-cfe60f8bf7aa
SCIP notification number (Finland)	947cd9a6-5c7f-4f6c-9306-ad2e33022c22
SCIP notification number (France)	038f9e0c-a7d8-4c66-835d-f43af94b2494
SCIP notification number (Germany)	2b462196-e647-413f-9d90-17e260d268d1
SCIP notification number (Hungary)	d0e7800f-81c2-4e80-91f2-da4d151f37cd
SCIP notification number (Italy)	d97d5fbb-8ff8-4a07-bc81-f23d58d8a6ca
SCIP notification number (Netherlands)	94c7981f-37bf-4ab4-aed2-decb82049dad
SCIP notification number (Poland)	52dfffd6-162d-4a15-8446-0c9bdab3db0c
SCIP notification number (Romania)	7d458df1-9211-4072-b42e-9b7ce29879b4
SCIP notification number (Sweden)	37b03344-8c56-46ed-a0a3-a0694011a886



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA CSA Group	C22.2 No. 158	1543858
UR Underwriters Laboratories Inc.	UL 1059	E45172

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 2006-931/1099-836



Documentation

Bid Text
2006-931/1099-836
19.02.2019
xml 2.99 KB
2006-931/1099-836
07.08.2018
docx 14.21 KB



CAD/CAE-Data

CAD data
2D/3D Models 2006-931/1099-836



CAE data
WSCAD Universe 2006-931/1099-836
ZUKEN Portal 2006-931/1099-836



1 Compatible Products

1.1 Optional Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 2006-1695
Intermediate plate; 2.9 mm wide; gray

Item No.: 2006-1696
Intermediate plate; 2.9 mm wide; orange



1.1.2 Jumper

1.1.2.1 Jumper



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

1.1.3 Marking

1.1.3.1 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



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



1.1.3.2 Marking strip



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

1.1.4 Screwless end stop

1.1.4.1 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

1.1.5 Terminal blocks

1.1.5.1 Carrier terminal block for modules and plugs



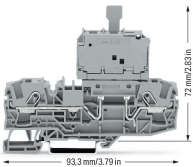
Item No.: 2006-1664
2-conductor carrier terminal block; for
DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Pu-
sh-in CAGE CLAMP®; 6,00 mm²; blue



Item No.: 2006-1661
2-conductor carrier terminal block; for
DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Pu-
sh-in CAGE CLAMP®; 6,00 mm²; gray

Installation Notes

Installation

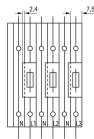


Fuse plug dimensions
Pivoting fuse holder with spare fuse holder

Installation



The end plate ensures that the fuse can
only be removed when the fuse plug is pul-
led 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.