

Color: ■ gray

Electrical data		
Ratings per IEC/EN		<h3>Power Loss</h3> <p>Power loss (max.) <math>P_{I(max)}</math> (note)</p> <p>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.</p>
Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.	
Nominal voltage (III/3)	250 V	
Rated current	6.3 A	
Note (rated current)	Leakage current in case of a blown fuse: LED 2 mA	
Operation status indicator	230 V	
Blown fuse indication	with indicator lamp	
General information		
Fuse type	Cylindrical fuse; 5 x 20 mm	
Physical data		
Width	6.1 mm / 0.24 inches	
Mechanical data		
Marking level	Center marking	



Material data	
Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.063 MJ
Weight	4.2 g

Environmental requirements	
Continuous operating temperature	-60 ... +105 °C

Commercial data	
Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 8.0	EC002018
ETIM 7.0	EC002018
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454793869
Customs tariff number	85366990990

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I
SCIP notification number (Austria)	1d82a0fc-1ecd-4990-b835-d79266990337
SCIP notification number (Belgium)	67fcb5b8-0f65-4f27-8473-e839d4447609
SCIP notification number (Bulgaria)	b5b588db-2be4-47bd-83bc-609f72077459
SCIP notification number (Czech Republic)	8a2445e8-bd79-417d-a9d6-bbefcc23fcd3
SCIP notification number (Denmark)	0a95ebd7-b143-4d00-a5df-c783d9e84604
SCIP notification number (Finland)	303b5dd7-48da-4df4-85fc-cc9afceea0c2
SCIP notification number (France)	b50772e0-bef6-4c03-8ce6-f6c3582a0ef4
SCIP notification number (Germany)	09744bc8-c58e-42ea-9b99-d86831eb409e
SCIP notification number (Hungary)	3bd5c11b-1c54-47d5-b081-3c545d8a1170
SCIP notification number (Italy)	5b51480c-07ae-4837-953f-c3aa02cb58f1
SCIP notification number (Netherlands)	1b6f68d8-8842-4a39-88a3-23b25e1f75be
SCIP notification number (Poland)	b9fec760-f82f-49c9-9974-02ea3a243303
SCIP notification number (Romania)	b433da85-7653-472b-b54e-10783fe12626
SCIP notification number (Sweden)	5620020e-4041-4e86-b716-a788aeea6f49



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7941
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-124163
UL 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 2004-911/1000-836





Documentation

Additional Information
Technical Section

pdf  
2240.62 KB



Bid Text			
2004-911/1000-836	19.02.2019	xml 2.98 KB	<a href="#"></a>
2004-911/1000-836	07.08.2018	docx 13.92 KB	<a href="#"></a>



CAD/CAE-Data

































CAD data
2D/3D Models 2004-911/1000-836



CAE data
WSCAD Universe 2004-911/1000-836
ZUKEN Portal 2004-911/1000-836





1 Compatible Products			
1.1 Optional Accessories			
1.1.1 Jumper			
1.1.1.1 Jumper			
			
<p><b>Item No.: 281-503</b> Short circuit jumper; for fuse holder; silver-colored</p>			
1.1.2 Marking			
1.1.2.1 Marker			
			
<p><b>Item No.: 793-5501/000-006</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>	<p><b>Item No.: 793-5501/000-007</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>	<p><b>Item No.: 793-5501/000-023</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>	<p><b>Item No.: 793-5501/000-017</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green</p>
			
<p><b>Item No.: 793-5501/000-012</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>	<p><b>Item No.: 793-5501/000-005</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>	<p><b>Item No.: 793-5501/000-024</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>	<p><b>Item No.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>
			
<p><b>Item No.: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>	<p><b>Item No.: 794-5615</b> WMB marking card; as card; MARKED; F1, ..., F10 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white</p>	<p><b>Item No.: 794-5616</b> WMB marking card; as card; MARKED; F11, ..., F20 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white</p>	<p><b>Item No.: 794-5617</b> WMB marking card; as card; MARKED; F21, ..., F30 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white</p>
			
<p><b>Item No.: 794-5618</b> WMB marking card; as card; MARKED; F31, ..., F40 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white</p>	<p><b>Item No.: 794-5619</b> WMB marking card; as card; MARKED; F41, ..., F50 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white</p>	<p><b>Item No.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p><b>Item No.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>
			
<p><b>Item No.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p><b>Item No.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>	<p><b>Item No.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p><b>Item No.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red</p>
			
<p><b>Item No.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet</p>	<p><b>Item No.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white</p>	<p><b>Item No.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow</p>	<p><b>Item No.: 2009-115/000-006</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>
			
<p><b>Item No.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>	<p><b>Item No.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>	<p><b>Item No.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green</p>	<p><b>Item No.: 2009-115/000-012</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>
			
<p><b>Item No.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>	<p><b>Item No.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<p><b>Item No.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>	



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



**Item No.: 2002-2961**  
Double-deck carrier terminal block; L/L;  
for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>;  
Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-2963**  
Double-deck carrier terminal block; L/N;  
for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>;  
Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-2941**  
Double-deck, double-disconnect terminal  
block; L/L; for DIN-rail 35 x 15 and 35 x  
7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50  
mm<sup>2</sup>; gray

1.1.4.2 Carrier terminal block for modules and plugs



**Item No.: 2002-1661**  
2-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-1662**  
2-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; orange



**Item No.: 2002-1961**  
2-conductor carrier terminal block; with  
additional jumper position; for DIN-rail 35  
x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE  
CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2202-1661**  
2-conductor carrier terminal block; with  
push-button; for DIN-rail 35 x 15 and 35 x  
7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50  
mm<sup>2</sup>; gray



**Item No.: 2202-1961**  
2-conductor carrier terminal block; with  
push-button; with additional jumper posi-  
tion; for DIN-rail 35 x 15 and 35 x 7.5; 2.5  
mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>;  
gray



**Item No.: 2002-1761**  
3-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2202-1761**  
3-conductor carrier terminal block; with  
push-button; for DIN-rail 35 x 15 and 35 x  
7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®;  
2,50 mm<sup>2</sup>; gray



**Item No.: 2002-1861**  
4-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2202-1861**  
4-conductor carrier terminal block; with  
push-button; for DIN-rail 35 x 15 and 35 x  
7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50  
mm<sup>2</sup>; gray



**Item No.: 2002-2941**  
Double-deck, double-disconnect terminal  
block; L/L; for DIN-rail 35 x 15 and 35 x  
7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50  
mm<sup>2</sup>; gray

#### 1.1.4.3 Double-deck terminal block



## Item No.: 2002-2961

Double-deck carrier terminal block; L/L;  
for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>;  
Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



Item No.: 2002-2963

Double-deck carrier terminal block; L/N;  
for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>;  
Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



## Item No.: 2002-2941

Double-deck, double-disconnect terminal block; L/L; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

#### 1.1.4.4 Multilevel installation terminal block



## Item No.: 2003-6662

Multilevel installation terminal block; with operating slots; 2.5 mm<sup>2</sup>; Carrier terminal block without knife; L/L/PE; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



## Item No.: 2003-6661

Multilevel installation terminal block; with operating slots; 2.5 mm<sup>2</sup>; Carrier terminal block without knife; L/N/PE; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



## Item No.: 2003-6640

Multilevel installation terminal block; with operating slots; 2.5 mm<sup>2</sup>; Carrier terminal block without knife; N/L/PE; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



## Item No.: 2003-6660

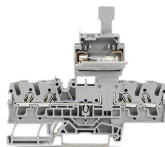
Multilevel installation terminal block; with operating slots; 2.5 mm<sup>2</sup>; Carrier terminal block without knife; P1/P2/PE; brown upper-deck; black middle-deck; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



## Item No.: 2003-6643

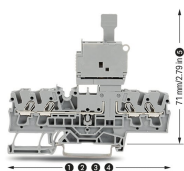
Multilevel installation terminal block; with operating slots; 2,5 mm<sup>2</sup>; Carrier terminal block without knife; P2/P1/PE; black upper deck; brown middle deck; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes



Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:

- No additional cost for assembly and wiring
  - No risk of accidental contact with live parts when disconnecting the fuse plug
  - The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
  - The fuse plug can be removed by service personnel
  - No unintentional reclosing of the circuit by another person
  - Quickly exchange a fuse by using a prepared “stand-by plug”
- Fuse plug features for quick and safe applications:
- Optional LED indicates blown fuse.
  - Top-of-unit marking slot provides clear carrier terminal block identification.
  - Two test slots with touch contacts
  - Terminal blocks/plugs provide high-density wiring in a width of just 5.2/6.1 mm.
  - May be used as a disconnect plug in combination with a shorting link.

**Fuse plug dimensions:**

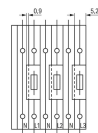
66.1 mm / 2.62 inch for 2002-1661

76.8 mm / 3.02 inch for 2002-1761

87.5 mm / 3.45 inch for 2002-1861

72.9 mm / 2.87 inch for 2002-1961

with inserted fuse plug



Open side of terminal block left

**Please note:**

The extra width of the plug (6.1 mm compared to 5.2 mm for carrier terminal blocks) must be compensated for with intermediate plates (1 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.