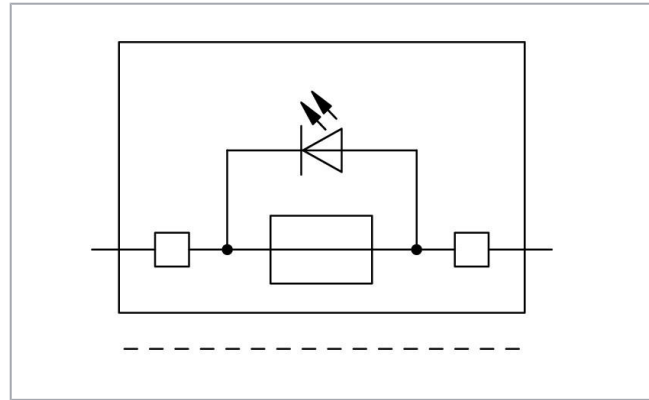
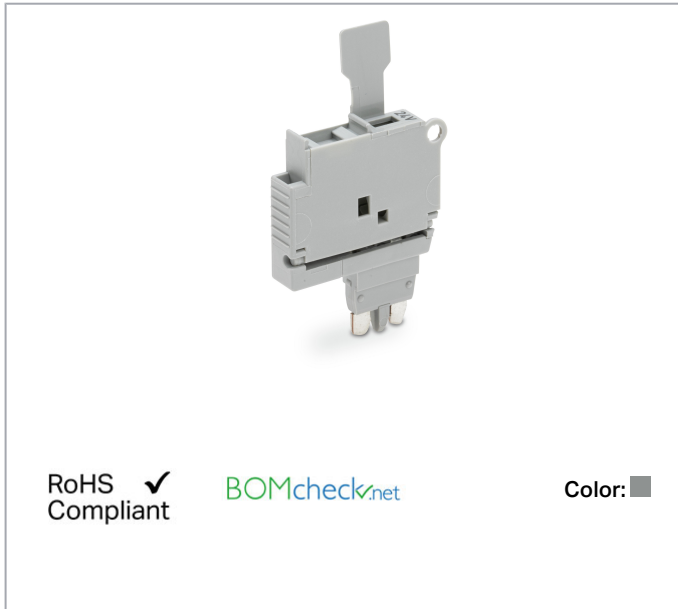


## Data sheet | Item number: 2004-911/1000-541

Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 12 - 30 V; 6.1 mm wide; gray



[www.wago.com/2004-911\\_1000-541](http://www.wago.com/2004-911_1000-541)



### Item description

#### Safety information 1:

Electrical ratings are given by the fuse and blown fuse indication.

#### Safety information 2:

Leakage current in case of a blown fuse: LED 2 mA

### Data

#### Electrical data

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.

Power loss  $P_I$  (max.)

1.6 W

Power loss  $P_I$  (note)

Overload and short circuit protection (Individual arrangement)

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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Power loss P <sub>2</sub> (max.)	1.6 W
Power loss P <sub>2</sub> (note)	Overload and short circuit protection (Group arrangement)
Power loss P <sub>3</sub> (max.)	2.5 W
Power loss P <sub>3</sub> (note)	Short circuit protection only (Individual arrangement)
Verlustleistung P <sub>v</sub> max. 4	2.5 W
Verlustleistung P <sub>v</sub> 4 Hinweis	Short circuit protection only (Group arrangement)

### Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	250 V
Rated current	6.3 A
Operation status indicator	12 ... 30 V

### Physical data

Width	6.1 mm / 0.24 inch
-------	--------------------

### Mechanical data

Marking level	Center marking
---------------	----------------

### Material data

Color	gray
Insulation material	Polyamide (PA66)
Weight	4.2 g

### Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4045454783150
Customs tariff number	85366990990

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 60947	NTR NL

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

CCA

DEKRA Certification B.V.

7730



KEMA/KEUR

EN 60947

71-

DEKRA Certification B.V.

107687

## Compatible products

### General accessories



Item no.: 281-503

Short circuit jumper; for fuse holder; silver-colored

[www.wago.com/281-503](http://www.wago.com/281-503)

### Marking accessories



Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[www.wago.com/2009-110](http://www.wago.com/2009-110)

Item no.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

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

[www.wago.com/2009-115/000-002](http://www.wago.com/2009-115/000-002)

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

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)

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

[www.wago.com/2009-115/000-007](http://www.wago.com/2009-115/000-007)

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

[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)

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

[www.wago.com/2009-115/000-017](http://www.wago.com/2009-115/000-017)

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

[www.wago.com/2009-115/000-023](http://www.wago.com/2009-115/000-023)

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

[www.wago.com/2009-115/000-024](http://www.wago.com/2009-115/000-024)

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

WAGO Kontakttechnik GmbH &amp; Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

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

[www.wago.com/793-501](http://www.wago.com/793-501)



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

[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)



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

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)



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

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)



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

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



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

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



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

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)



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

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)



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

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)



**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

[www.wago.com/793-5501](http://www.wago.com/793-5501)



**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

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



**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

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**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















[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)




**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

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)

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

	<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	<a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a>
	<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; green	<a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a>
	<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; light green	<a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a>
	<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	<a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a>
	<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	<a href="http://www.wago.com/794-5615">www.wago.com/794-5615</a>
	<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	<a href="http://www.wago.com/794-5616">www.wago.com/794-5616</a>
	<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	<a href="http://www.wago.com/794-5617">www.wago.com/794-5617</a>
	<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	<a href="http://www.wago.com/794-5618">www.wago.com/794-5618</a>
	<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	<a href="http://www.wago.com/794-5619">www.wago.com/794-5619</a>
<b>clamps</b>		
	<b>Item no.: 2002-1661</b> 2-conductor carrier terminal block; 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	<a href="http://www.wago.com/2002-1661">www.wago.com/2002-1661</a>
	<b>Item no.: 2002-1662</b> 2-conductor carrier terminal block; 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> ; orange	<a href="http://www.wago.com/2002-1662">www.wago.com/2002-1662</a>
	<b>Item no.: 2002-1761</b> 3-conductor carrier terminal block; 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	<a href="http://www.wago.com/2002-1761">www.wago.com/2002-1761</a>
	<b>Item no.: 2002-1861</b> 4-conductor carrier terminal block; 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	<a href="http://www.wago.com/2002-1861">www.wago.com/2002-1861</a>
	<b>Item no.: 2002-1961</b> 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	<a href="http://www.wago.com/2002-1961">www.wago.com/2002-1961</a>
	<b>Item no.: 2002-2941</b> 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	<a href="http://www.wago.com/2002-2941">www.wago.com/2002-2941</a>

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

	CAGE CLAMP®; 2,50 mm²; gray	
	<b>Item no.: 2002-2961</b> Double-deck carrier terminal block; L/L; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2002-2961">www.wago.com/2002-2961</a>
	<b>Item no.: 2002-2963</b> Double-deck carrier terminal block; L/N; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2002-2963">www.wago.com/2002-2963</a>
	<b>Item no.: 2003-6640</b> Multilevel installation terminal block; 4 mm²; Carrier terminal block without knife; N/L/PE; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2003-6640">www.wago.com/2003-6640</a>
	<b>Item no.: 2003-6643</b> Multilevel installation terminal block; 4 mm²; Carrier terminal block without knife; P2/P1/PE; black upper deck; brown middle deck; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2003-6643">www.wago.com/2003-6643</a>
	<b>Item no.: 2003-6660</b> Multilevel installation terminal block; 4 mm²; Carrier terminal block without knife; P1/P2/PE; brown upper-deck; black middle-deck; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2003-6660">www.wago.com/2003-6660</a>
	<b>Item no.: 2003-6661</b> Multilevel installation terminal block; 4 mm²; Carrier terminal block without knife; L/N/PE; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2003-6661">www.wago.com/2003-6661</a>
	<b>Item no.: 2003-6662</b> Multilevel installation terminal block; 4 mm²; Carrier terminal block without knife; L/L/PE; green-yellow lower deck; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2003-6662">www.wago.com/2003-6662</a>
	<b>Item no.: 2202-1661</b> 2-conductor carrier terminal block; with push-button; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2202-1661">www.wago.com/2202-1661</a>
	<b>Item no.: 2202-1662</b> 2-conductor carrier terminal block; with push-button; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; blue	<a href="http://www.wago.com/2202-1662">www.wago.com/2202-1662</a>
	<b>Item no.: 2202-1761</b> 3-conductor carrier terminal block; with push-button; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2202-1761">www.wago.com/2202-1761</a>
	<b>Item no.: 2202-1861</b> 4-conductor carrier terminal block; with push-button; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2202-1861">www.wago.com/2202-1861</a>
	<b>Item no.: 2202-1961</b> 2-conductor carrier terminal block; with push-button; with additional jumper position; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray	<a href="http://www.wago.com/2202-1961">www.wago.com/2202-1961</a>

## Downloads

### Documentation

#### Bid Text

2004-911/1000-541	Aug 7, 2018	docx	Download
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WAGO Kontakttechnik GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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<b>Additional Information</b> Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 2004-911/1000-541	URL	Download
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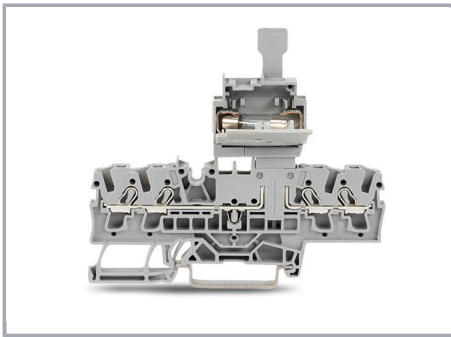
### CAE data

WSCAD Universe 2004-911/1000-541	URL	Download
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ZUKEN Portal 2004-911/1000-541	URL	Download
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WSCAD Universe 2004-911/1000-541	URL	Download
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## 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:

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



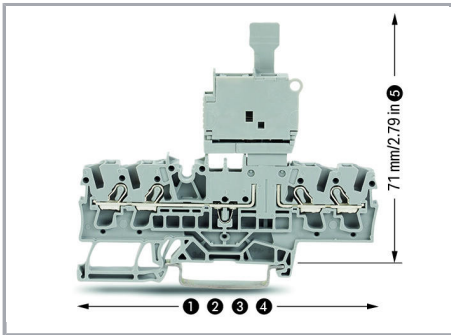
- No additional cost for assembly and wiring
- 
- No risk of accidental contact with live parts when disconnecting the fuse plug
- 
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
- 
- The fuse plug can be removed by service 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 6.1 mm
- 
- May be used as a disconnect plug in combination with a shorting link
- 

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





**Fuse plug dimensions:**

66.1 mm / 2.62 inch for 2002-1661

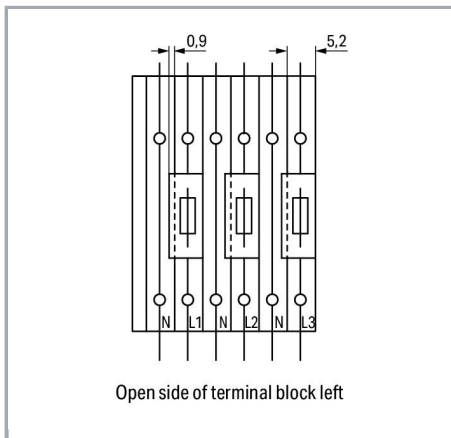
76.8 mm / 3.02 inch for 2002-1761

87.5 mm / 3.45 inch for 2002-1861

72.9 mm / 2.87 inch for 2002-1961

with inserted fuse plug

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



**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.

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

Glass cartridge fuses 5 x 20				
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
2004-911				
2004-911/.....	1.6 W	1.6 W	2.5 W	2.5 W

When selecting miniature metric fuses, make sure that the maximum power loss listed above 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 blocks must be checked according to their application and mounting. Higher ambient temperatures place additional strain on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the fuse manufacturers.

## Product family

### TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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