

**Fișă tehnică | Număr articol: 281-512/281-417**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm;  
with blown fuse indication by neon lamp; 230 V; 6 mm wide; gray

[www.wago.com/281-512/281-417](http://www.wago.com/281-512/281-417)



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
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Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
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RoHS   
Compliant

BOMcheck.net

Culoare: 

## Descriere articol

### 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: Neon lamp < 0.4 mA

## Date

### Electrical data

Voltage type 1	AC/DC
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### Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	250 V
Rated current	6,3 A

### Geometrical Data

Width	6 mm / 0.236 inch
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### Mechanical data

Marking level	Center marking
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### Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,082 MJ
Weight	6,5 g

### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN

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GTIN	4050821276241
Customs tariff number	85366990990

## Aprobări / certificate

### Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2 No. 158	1505034
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	NTR NL-7135
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.31

### Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	ABS American Bureau of Shipping	-	20-HG1941090-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

## Counterpart





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## Produse compatibile



### General accessories

	<b>Nr. articol: 281-503</b> Shorting link; 5 x 20 mm; if the fuse plug is used as disconnect plug	<a href="http://www.wago.com/281-503">www.wago.com/281-503</a>
	<b>Nr. articol: 281-610</b> 3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm <sup>2</sup> ; CAGE CLAMP®; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/281-610">www.wago.com/281-610</a>
	<b>Nr. articol: 281-656</b> 4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm <sup>2</sup> ; CAGE CLAMP®; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/281-656">www.wago.com/281-656</a>
	<b>Nr. articol: 281-916</b> 2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm <sup>2</sup> ; CAGE CLAMP®; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/281-916">www.wago.com/281-916</a>














### clamps

	<b>Nr. articol: 280-510</b> Triple-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; green-yellow/blue/gray	<a href="http://www.wago.com/280-510">www.wago.com/280-510</a>
	<b>Nr. articol: 280-514</b> Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray /gray	<a href="http://www.wago.com/280-514">www.wago.com/280-514</a>
	<b>Nr. articol: 280-528</b> Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray /gray	<a href="http://www.wago.com/280-528">www.wago.com/280-528</a>
	<b>Nr. articol: 280-531</b> Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; blue /gray	<a href="http://www.wago.com/280-531">www.wago.com/280-531</a>
	<b>Nr. articol: 280-532</b> Double-deck terminal block; with additional jumper position on lower level; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; blue/gray	<a href="http://www.wago.com/280-532">www.wago.com/280-532</a>
	<b>Nr. articol: 280-889</b> Triple-deck terminal block; with additional jumper position on lower level; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray/gray/gray	<a href="http://www.wago.com/280-889">www.wago.com/280-889</a>
	<b>Nr. articol: 280-891</b> Double-deck terminal block; with additional jumper position on lower level; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray/gray	<a href="http://www.wago.com/280-891">www.wago.com/280-891</a>

### Marking accessories

	<b>Nr. articol: 2009-114</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-114">www.wago.com/2009-114</a>
	<b>Nr. articol: 2009-114/000-002</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-114/000-002">www.wago.com/2009-114/000-002</a>

Supus modificărilor.

	<b>Nr. articol: 2009-114/000-005</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-114/000-005">www.wago.com/2009-114/000-005</a>
	<b>Nr. articol: 2009-114/000-006</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-114/000-006">www.wago.com/2009-114/000-006</a>
	<b>Nr. articol: 2009-114/000-007</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-114/000-007">www.wago.com/2009-114/000-007</a>
	<b>Nr. articol: 2009-114/000-012</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-114/000-012">www.wago.com/2009-114/000-012</a>
	<b>Nr. articol: 2009-114/000-023</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a>
	<b>Nr. articol: 2009-114/000-024</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-114/000-024">www.wago.com/2009-114/000-024</a>
	<b>Nr. articol: 209-701</b> WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/209-701">www.wago.com/209-701</a>
	<b>Nr. articol: 209-701/000-002</b> WSB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/209-701/000-002">www.wago.com/209-701/000-002</a>
	<b>Nr. articol: 209-701/000-005</b> WSB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/209-701/000-005">www.wago.com/209-701/000-005</a>
	<b>Nr. articol: 209-701/000-006</b> WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/209-701/000-006">www.wago.com/209-701/000-006</a>
	<b>Nr. articol: 209-701/000-007</b> WSB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/209-701/000-007">www.wago.com/209-701/000-007</a>
	<b>Nr. articol: 209-701/000-012</b> WSB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/209-701/000-012">www.wago.com/209-701/000-012</a>
	<b>Nr. articol: 209-701/000-017</b> WSB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/209-701/000-017">www.wago.com/209-701/000-017</a>

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**Nr. articol: 209-701/000-023**  
WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/209-701/000-023](http://www.wago.com/209-701/000-023)



**Nr. articol: 209-701/000-024**  
WSB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/209-701/000-024](http://www.wago.com/209-701/000-024)



**Nr. articol: 793-4501**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white

[www.wago.com/793-4501](http://www.wago.com/793-4501)



**Nr. articol: 793-4501/000-002**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

[www.wago.com/793-4501/000-002](http://www.wago.com/793-4501/000-002)



**Nr. articol: 793-4501/000-005**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red

[www.wago.com/793-4501/000-005](http://www.wago.com/793-4501/000-005)



**Nr. articol: 793-4501/000-006**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue

[www.wago.com/793-4501/000-006](http://www.wago.com/793-4501/000-006)



**Nr. articol: 793-4501/000-007**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[www.wago.com/793-4501/000-007](http://www.wago.com/793-4501/000-007)



**Nr. articol: 793-4501/000-012**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

[www.wago.com/793-4501/000-012](http://www.wago.com/793-4501/000-012)



**Nr. articol: 793-4501/000-014**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; brown

[www.wago.com/793-4501/000-014](http://www.wago.com/793-4501/000-014)



**Nr. articol: 793-4501/000-023**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

[www.wago.com/793-4501/000-023](http://www.wago.com/793-4501/000-023)



**Nr. articol: 793-4501/000-024**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

[www.wago.com/793-4501/000-024](http://www.wago.com/793-4501/000-024)

## Descărcări

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
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## CAD/CAE-Data

### CAD data

2D/3D Models 281-512/281-417

[URL](#)

[Descărcare](#)

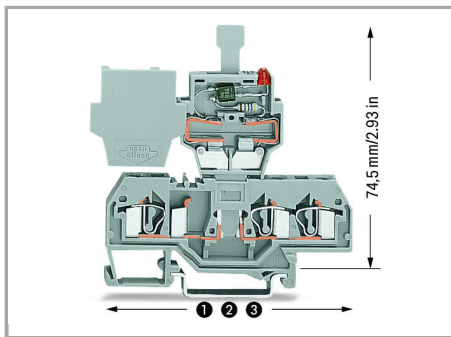
### CAE data

WSCAD Universe 281-512/281-417

[URL](#)

[Descărcare](#)

## Installation Notes



Length of carrier terminal blocks with a fuse plug:

59 mm / 2.32 inch for 281-916

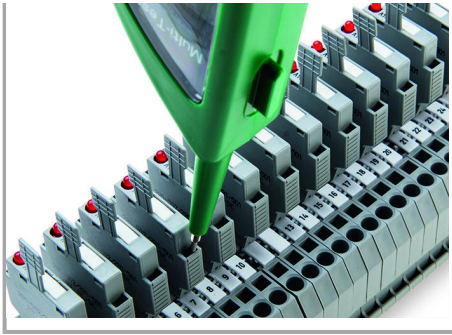
73.5 mm / 2.89 inch for 281-610

86 mm / 3.39 inch for 281-656

## Testing



Supus modificărilor.



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"
- 

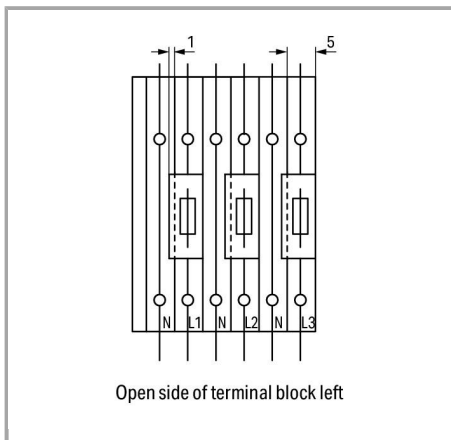
Fuse plug features for quick and safe applications:

- Optional LED indicates blown fuse
- 

Supus modificărilor.



- 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 mm
- 
- May be used as a disconnect plug in combination with a shorting link
- 



When a corresponding neutral circuit is adjacent to the fuse plug, a 5 mm wide space-saving terminal block may be used, as a 6 mm fuse plug may overlap the terminal block (see diagram).

For 5 mm wide carrier terminal blocks can be used with end plates, for example.

Supus modificărilor.