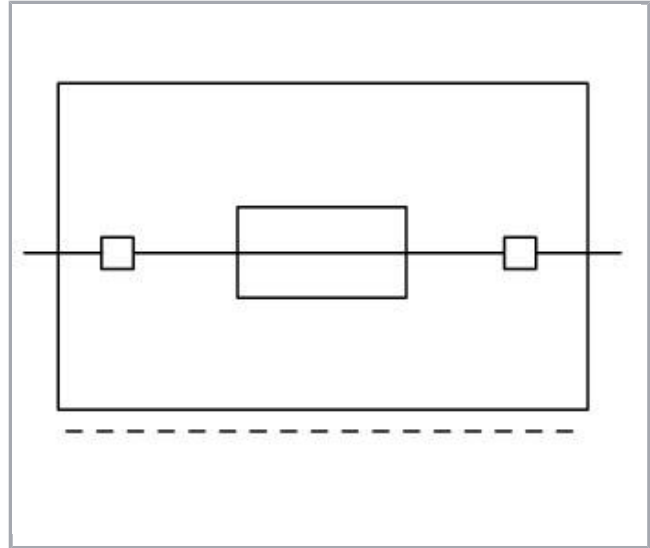


Data sheet | Item number: 281-511

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm;
without blown fuse indication; 6 mm wide; gray



www.wago.com/281-511



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

WAGO Private Limited
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Noida-201 301 | Gautam Budh Nagar (U.P)
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Do you have any questions about our products?
We are always happy to take your call at +91-120-4388700.



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RoHS 
Compliant



Color: 

Item description

Safety information 1:

Electrical ratings are given by the fuse.

Data

Electrical data

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
-------	-------------------

Mechanical data

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

Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Weight	6.1 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN
GTIN	4050821032540
Customs tariff number	85366990990




Approvals / Certificates

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



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Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	20-HG1941090-PDA
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	20170731-E45172

Counterpart








Compatible products

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




General accessories

Item no.: 281-503 Shorting link; 5 x 20 mm; if the fuse plug is used as disconnect plug	www.wago.com/281-503
Item no.: 281-610 3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm ² ; CAGE CLAMP®; 4,00 mm ² ; gray	www.wago.com/281-610
Item no.: 281-656 4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm ² ; CAGE CLAMP®; 4,00 mm ² ; gray	www.wago.com/281-656
Item no.: 281-916 2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm ² ; CAGE CLAMP®; 4,00 mm ² ; gray	www.wago.com/281-916














clamps

 Item no.: 280-510 Triple-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; green-yellow/blue/gray	www.wago.com/280-510
 Item no.: 280-514 Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray /gray	www.wago.com/280-514
 Item no.: 280-528 Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray /gray	www.wago.com/280-528
 Item no.: 280-531 Double-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; blue /gray	www.wago.com/280-531
 Item no.: 280-532 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 ² ; CAGE CLAMP®; 2,50 mm ² ; blue/gray	www.wago.com/280-532
 Item no.: 280-889 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 ² ; CAGE CLAMP®; 2,50 mm ² ; gray/gray/gray	www.wago.com/280-889
 Item no.: 280-891 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 ² ; CAGE CLAMP®; 2,50 mm ² ; gray/gray	www.wago.com/280-891

Marking accessories

 Item no.: 2009-114 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white	www.wago.com/2009-114
 Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	www.wago.com/2009-114/000-002
 Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red	www.wago.com/2009-114/000-005

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

	Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue	www.wago.com/2009-114/000-006
	Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray	www.wago.com/2009-114/000-007
	Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange	www.wago.com/2009-114/000-012
	Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green	www.wago.com/2009-114/000-023
	Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet	www.wago.com/2009-114/000-024
	Item no.: 209-701 WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/209-701
	Item no.: 209-701/000-002 WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/209-701/000-002
	Item no.: 209-701/000-005 WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/209-701/000-005
	Item no.: 209-701/000-006 WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/209-701/000-006
	Item no.: 209-701/000-007 WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/209-701/000-007
	Item no.: 209-701/000-012 WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/209-701/000-012
	Item no.: 209-701/000-017 WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/209-701/000-017
	Item no.: 209-701/000-023 WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/209-701/000-023

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



Item no.: 209-701/000-024
WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/209-701/000-024



Item no.: 793-4501
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white

www.wago.com/793-4501



Item no.: 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



Item no.: 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



Item no.: 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



Item no.: 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



Item no.: 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



Item no.: 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



Item no.: 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



Item no.: 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

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

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CAD/CAE-Data

CAD data

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WAGO Private Limited
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2D/3D Models 281-511

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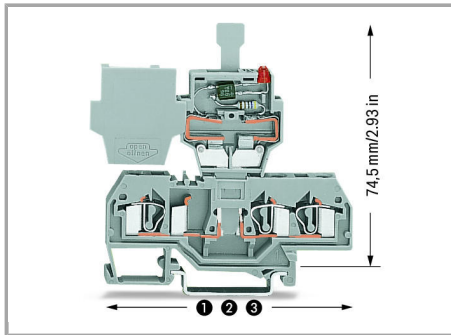
CAE data

WSCAD Universe 281-511

[URL](#)

[Download](#)

Handling Instructions



Length of carrier terminal blocks with a fuse plug:

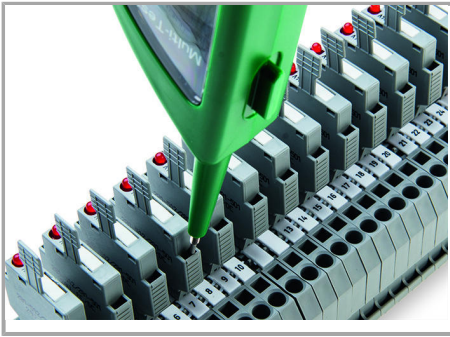
59 mm / 2.32 inch for 281-916

73.5 mm / 2.89 inch for 281-610

86 mm / 3.39 inch for 281-656

Testing

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



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

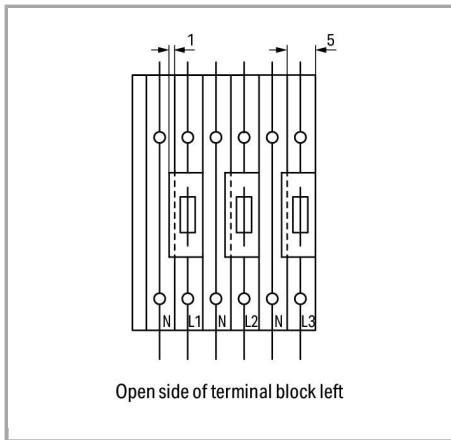
- No additional cost for assembly and wiring
-
- No risk of accidental contact with live parts when disconnecting the fuse plug
-
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
-
- The fuse plug can be removed by service 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
-

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

- 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.

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