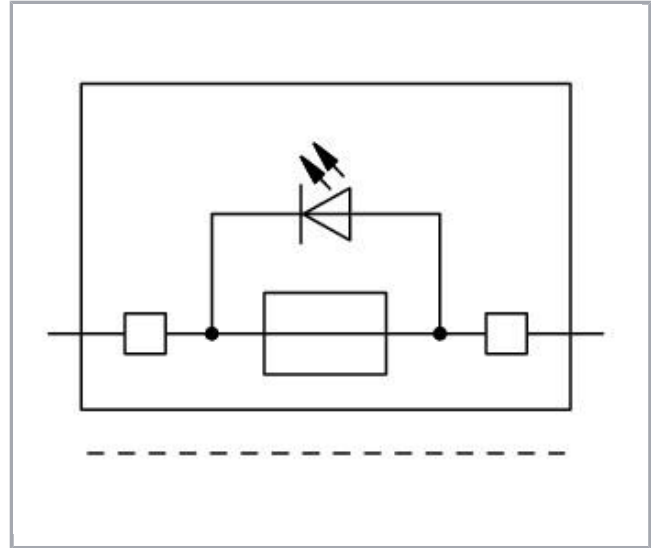


Data sheet | Item number: 281-512/281-501

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm;
with LED indicator; 24 V AC/DC; 6 mm wide; gray

www.wago.com/281-512/281-501



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

WAGO Kontakttechnik GmbH & Co. KG
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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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RoHS 
Compliant

BOMcheck.net

Color: 

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 5 ... 20 mA

Data

Electrical data

Voltage type 1	AC/DC
----------------	-------

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

Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0.081 MJ
Weight	6.7 g

Commercial data

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

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GTIN	4050821276265
Customs tariff number	85366990990

Counterpart

Compatible products

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

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
	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

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**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**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

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

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**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**

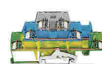
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; brown

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**clamps****Item no.: 280-510**Triple-deck terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; green-yellow/blue/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; gray/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; gray/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; blue/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; blue/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; gray/gray/graywww.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 mm²; CAGE CLAMP®; 2,50 mm²; gray/graywww.wago.com/280-891**Downloads****Documentation**

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

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Bid Text

281-512/281-501 doc - Datei	Mar 14, 2017	doc 24.6 kB	Download
281-512/281-501 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download

CAD/CAE-Data

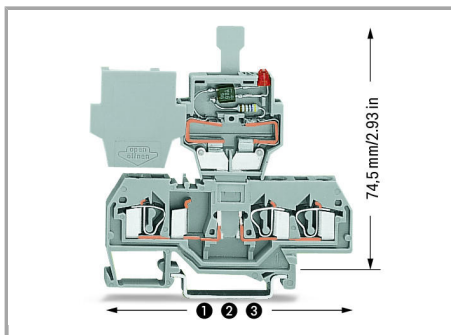
CAD data

2D/3D Models 281-512/281-501	URL	Download
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CAE data

WSCAD Universe 281-512/281-501	URL	Download
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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

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

Testing



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

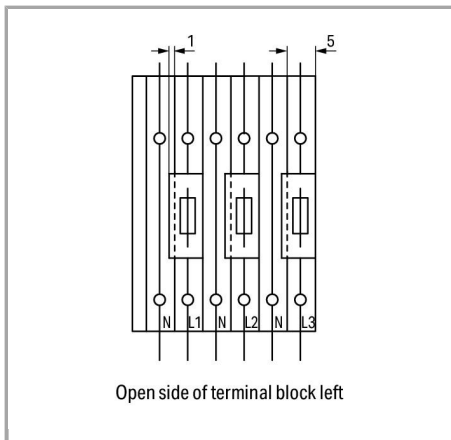
- No additional cost for assembly and wiring
-
- No risk of accidental contact with live parts when disconnecting the fuse plug
-
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
-
- The fuse plug can be removed by service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