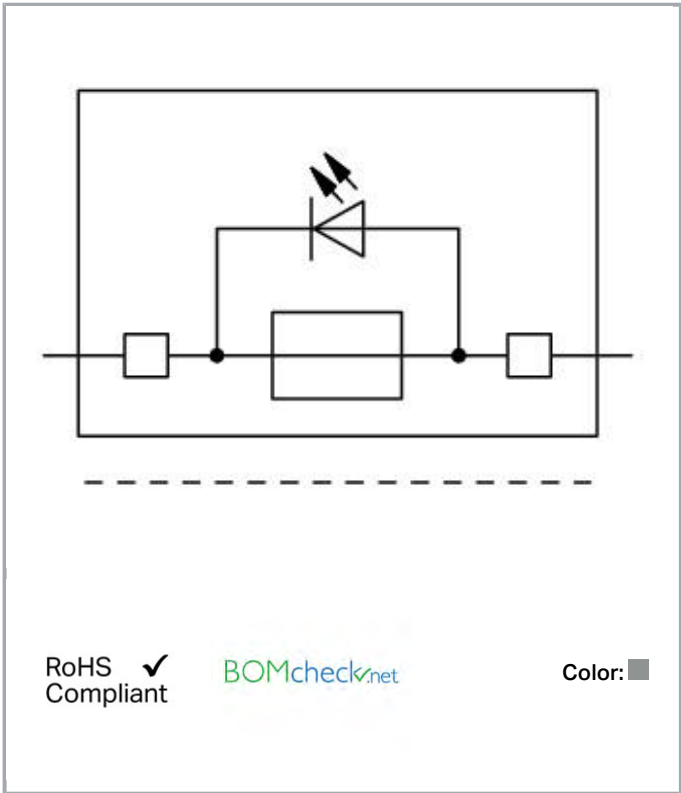


Data sheet | Item number: 281-512/281-501

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



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

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

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	0.081 MJ
Weight	6.7 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN
GTIN	4050821276265
Customs tariff number	85366990990

Counterpart

Compatible products

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
	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
	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
	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

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

**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

**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

**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

**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

**Item no.: 209-701**

WSB marking card; as card; not stretchable; plain; snap-on type; white

**Item no.: 209-701/000-002**

WSB marking card; as card; not stretchable; plain; snap-on type; yellow

**Item no.: 209-701/000-005**

WSB marking card; as card; not stretchable; plain; snap-on type; red

**Item no.: 209-701/000-006**

WSB marking card; as card; not stretchable; plain; snap-on type; blue

**Item no.: 209-701/000-007**

WSB marking card; as card; not stretchable; plain; snap-on type; gray

**Item no.: 209-701/000-012**

WSB marking card; as card; not stretchable; plain; snap-on type; orange

**Item no.: 209-701/000-017**

WSB marking card; as card; not stretchable; plain; snap-on type; light green

**Item no.: 209-701/000-023**

WSB marking card; as card; not stretchable; plain; snap-on type; green

**Item no.: 209-701/000-024**

WSB marking card; as card; not stretchable; plain; snap-on type; violet

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


Item no.: 793-4501

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


Item no.: 793-4501/000-002

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


Item no.: 793-4501/000-005

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


Item no.: 793-4501/000-006

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


Item no.: 793-4501/000-007

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


Item no.: 793-4501/000-012

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


Item no.: 793-4501/000-014

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


Item no.: 793-4501/000-023

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


Item no.: 793-4501/000-024

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

General accessories

Item no.: 281-503

Shorting link; 5 x 20 mm; if the fuse plug is used as disconnect plug


Item no.: 281-610

3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray


Item no.: 281-656

4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray


Item no.: 281-916

2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

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/gray

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

**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 /gray

**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 /gray

**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 /gray

**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/gray

**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/gray

**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/gray

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

CAD/CAE-Data

CAD data

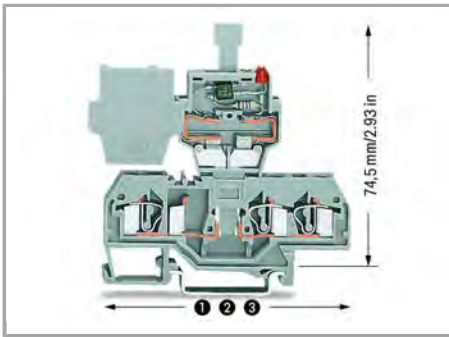
2D/3D Models 281-512/281-501

CAE data

WSCAD Universe 281-512/281-501

Installation Notes

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



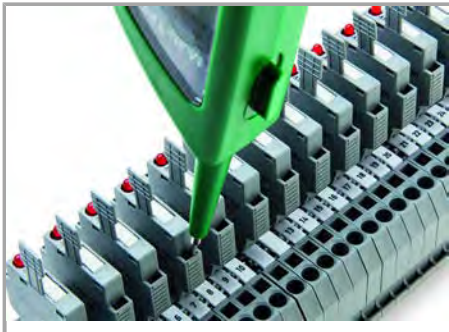
Length of carrier terminal blocks with a fuse plug:

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



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!

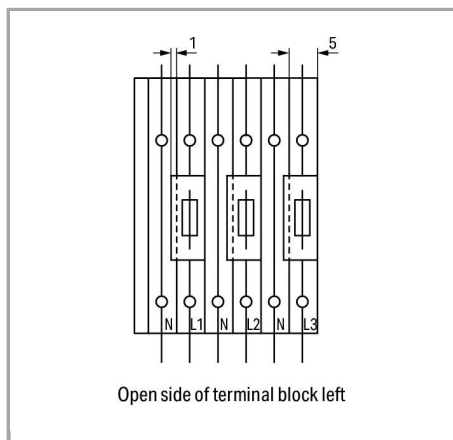


- No additional cost for assembly and wiring
-
- No risk of accidental contact with live parts when disconnecting the fuse plug
-
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
-
- The fuse plug can be removed by service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

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



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!