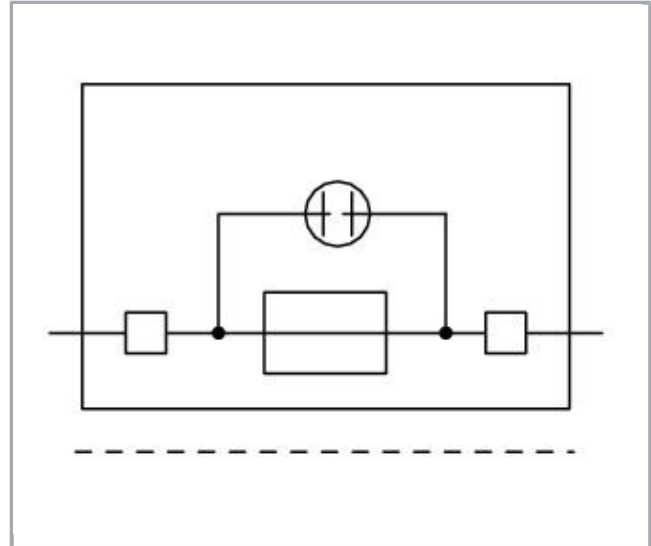


Data sheet | Item number: 281-512/281-417

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



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



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: Neon lamp < 0.4 mA

Data

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 (PA66)
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

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

GTIN	4050821276241
Customs tariff number	85366990990

Approvals / Certificates

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	EN 60947	20-HG1941090-PDA
	ABS American Bureau of Shipping	-	20-HG1941090-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Compatible products

General accessories

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



Item no.: 281-503
Short circuit jumper; for fuse holder



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

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



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

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



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



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

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

**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

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**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****Bid Text**

281-512/281-417

GAEB X81 - Datei

281-512/281-417

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Additional Information

Technical explanations

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

CAD/CAE-Data

CAD data

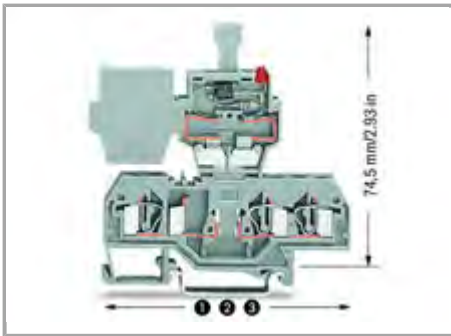
2D/3D Models 281-512/281-417

CAE data

WSCAD Universe 281-512/281-417

ZUKEN Portal 281-512/281-417

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



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:

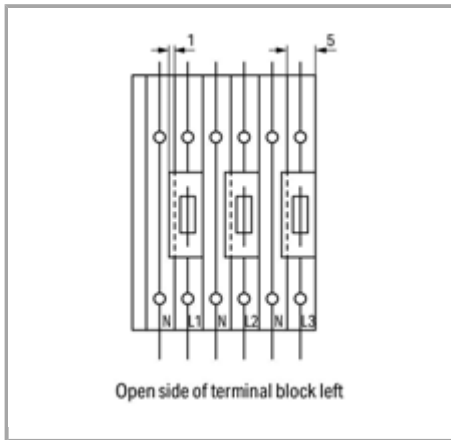
- No additional cost for assembly and wiring
-
- No risk of accidental contact with live parts when disconnecting the fuse plug
-
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
-
- The fuse plug can be removed by service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