

Fișă tehnică | Număr articol: 281-512/281-418

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; 120 V; 6 mm wide; gray

www.wago.com/281-512/281-418



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

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 |
|----------------|-------|

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) |
| Fire load | 0,082 MJ |
| Weight | 6,4 g |

Commercial data

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

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| | |
|-----------------------|---------------|
| GTIN | 4050821276258 |
| 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 | - | 20-HG1941090-PDA |
|  | ABS American Bureau of Shipping | EN 60947 | 20-HG1941090-PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |

Counterpart





Supus modificărilor.

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Produse compatibile



General accessories

| | | |
|--|--|--|
|  | Nr. articol: 281-503 Shorting link; 5 x 20 mm; if the fuse plug is used as disconnect plug | www.wago.com/281-503 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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

| | | |
|--|--|--|
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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

| | | |
|--|---|--|
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |

Supus modificărilor.

| | | |
|--|---|--|
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 209-701 WSB marking card; as card; not stretchable; plain; snap-on type; white | www.wago.com/209-701 |
|  | Nr. articol: 209-701/000-002 WSB marking card; as card; not stretchable; plain; snap-on type; yellow | www.wago.com/209-701/000-002 |
|  | Nr. articol: 209-701/000-005 WSB marking card; as card; not stretchable; plain; snap-on type; red | www.wago.com/209-701/000-005 |
|  | Nr. articol: 209-701/000-006 WSB marking card; as card; not stretchable; plain; snap-on type; blue | www.wago.com/209-701/000-006 |
|  | Nr. articol: 209-701/000-007 WSB marking card; as card; not stretchable; plain; snap-on type; gray | www.wago.com/209-701/000-007 |
|  | Nr. articol: 209-701/000-012 WSB marking card; as card; not stretchable; plain; snap-on type; orange | www.wago.com/209-701/000-012 |
|  | Nr. articol: 209-701/000-017 WSB marking card; as card; not stretchable; plain; snap-on type; light green | www.wago.com/209-701/000-017 |

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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



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



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

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



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



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



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



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



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



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



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

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 281-512/281-418

[URL](#)

[Descărcare](#)

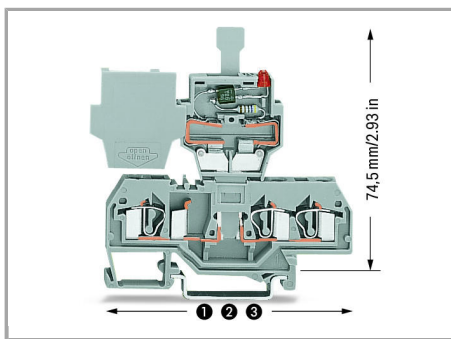
CAE data

WSCAD Universe 281-512/281-418

[URL](#)

[Descărcare](#)

Installation Notes



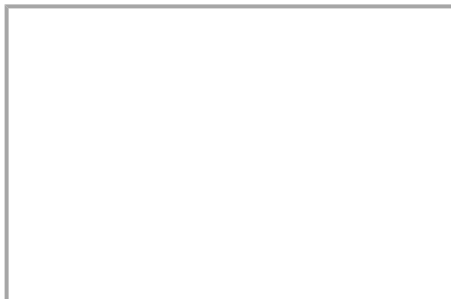
Length of carrier terminal blocks with a fuse plug:

59 mm / 2.32 inch for 281-916

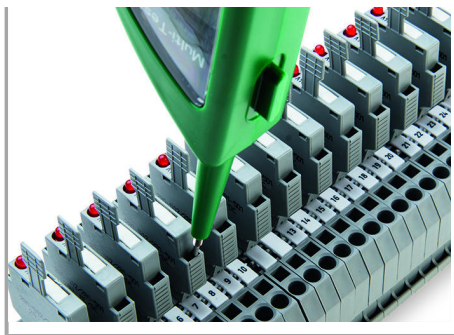
73.5 mm / 2.89 inch for 281-610

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:

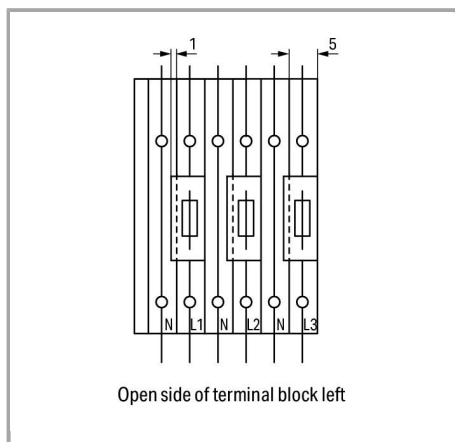
- No additional cost for assembly and wiring
-
- No risk of accidental contact with live parts when disconnecting the fuse plug
-
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
-
- The fuse plug can be removed by service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