

Data sheet | Item number: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

[www.wago.com/249-130](http://www.wago.com/249-130)



## Item description

### Note:

#### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

#### "Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

Using terminal blocks with PUSH WIRE® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Subject to changes.

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:

2.5 mm<sup>2</sup> (14 AWG) = 16 A

4 mm<sup>2</sup> (12 AWG) = 22 A

## Data

### Technical Data

Main product function	"Alu-Plus" contact paste
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### Material Data

Weight	35.3 g
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### Commercial data

Product Group	2 (Terminal Block Accessories)
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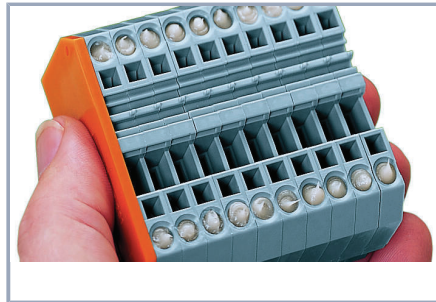
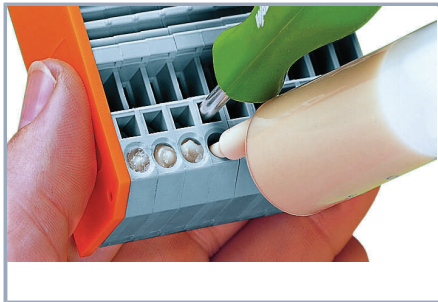
Packaging type	BOX
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Country of origin	DE
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GTIN	4017332133890
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Customs Tariff No.	34039900900
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### Installation Notes

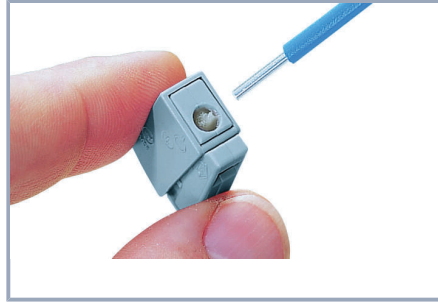
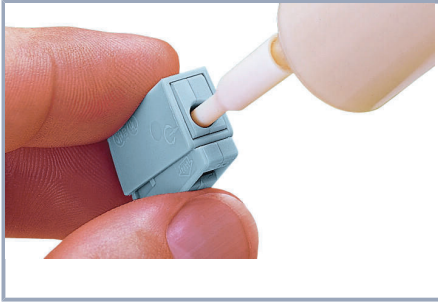


WAGO-Reihenklammern (max. bis 4 mm<sup>2</sup> Nennquerschnitt)

Je Leitereinführung: Tülle der Alu-Plus-Füllspritze nacheinander in die geöffnete Klemmstelle hineindrücken.

Spritzkolben jeweils so weit hinunterdrücken, bis Alu-Plus die Öffnungen gefüllt hat.

Subject to changes.

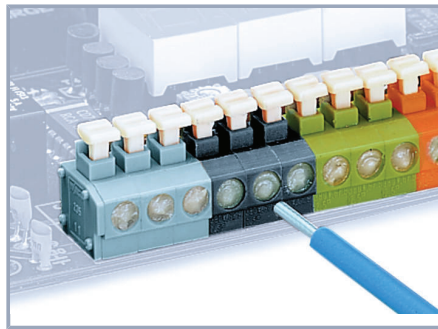
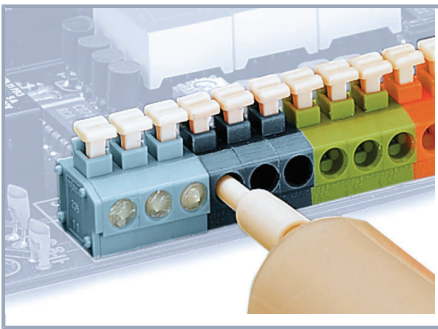


### WAGO-Leuchtenklemmen

Tülle der Alu-Plus-Füllspritze nacheinander in die runde und eckige Leitereinführungsöffnung der WAGO-Leuchtenklemme hineindrücken.

Spritzkolben jeweils so weit hinunterdrücken, bis Alu-Plus diese beiden Öffnungen verschlossen hat.

**Hinweis:** Nicht für den höheren Temperaturbereich einsetzbar!



1. Push nozzle of the "Alu-Plus" syringe into every open conductor entry hole (one after the other).

2. Press plunger down until "Alu-Plus" has filled all conductor entry holes.

Subject to changes.