

Data sheet | Item number: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

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 mm²/12 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.

For spring clamp connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit 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. Please also observe the further product documentation!

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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 mm² = 16 A

4 mm² = 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)
Packaging type	BOX
Country of origin	DE
GTIN	4017332133890
Customs tariff number	34039900900

Downloads

Documentation

Bid Text

249-130	Feb 19, 2019	xml	Download
X81 - Datei		2.5 kB	
249-130	May 17, 2017	doc	Download
doc - Datei		24.1 kB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 249-130	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 249-130

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Installation Notes



WAGO Rail-Mount Terminal Blocks (up to 4 mm²/12 AWG)

For each conductor entry: Insert nozzle of the "Alu-Plus" syringe in every open conductor entry hole (one after the other).



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



WAGO Lighting Connectors

Push nozzle of the "Alu-Plus" syringe first into the circular entry and then into the square conductor entry hole of the WAGO Lighting Connector.



Press the plunger down until "Alu-Plus" has filled both entry holes.

Note: Not suitable for higher temperature applications!

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



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. Please also observe the further product documentation!

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