

Data sheet | Item number: 280-471

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

www.wago.com/280-471



Data

Connection data

Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
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Material Data

Color	light gray
Fire load	0.009 MJ
Weight	0.3 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	DE
GTIN	4017332267311
Customs Tariff No.	39269097900

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.

Counterpart

Compatible products

Jumper



Item no.: 210-103

Wire commoning chain; insulated; 50 connections; black

www.wago.com/210-103

N-busbar



Item no.: 210-133

Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm

www.wago.com/210-133

Downloads

Documentation

Bid Text

280-471	Feb 19, 2019	xml	Download
GAEB X81 - Datei		2.6 kB	
280-471	Jan 4, 2018	doc	Download
doc - Datei		24.1 kB	

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
		2.1 MB	

CAD/CAE-Data

CAD data

2D/3D Models 280-471	URL	Download
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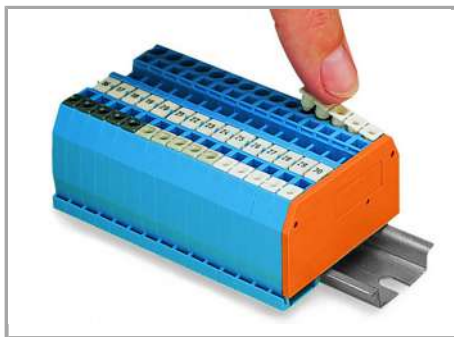
CAE data

WSCAD Universe 280-471	URL	Download
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Installation Notes

Assembly

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



The wiring of programmable logic controllers and microprocessor-operated control circuits often relies on very small, fine-stranded conductors. These conductors are highly flexible and deform when pushed against the conductor stop in terminal blocks. As a result, the conductor insulation – not the copper conductor – may be clamped, causing intermittent contact or no contact at all. Common to all terminal block types currently offered, this problem creates unnecessary downtime for troubleshooting.

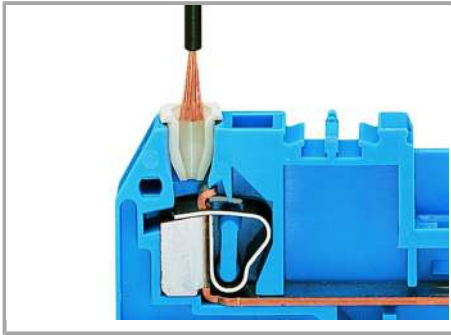
The solution: an insulation stop for rail-mount terminal blocks. Insulation stops automatically bundle the cores of fine-stranded conductors when inserted into the clamping unit, preventing splaying. This also limits the conductor entry to a defined cross sectional area – ensuring the actual conductor, not the insulation, will enter the clamping unit.

Insulation stops are available as dividable 5-pole strips for 279, 280/780/870/880 and 281/781 Series Rail-Mount Terminal Blocks.

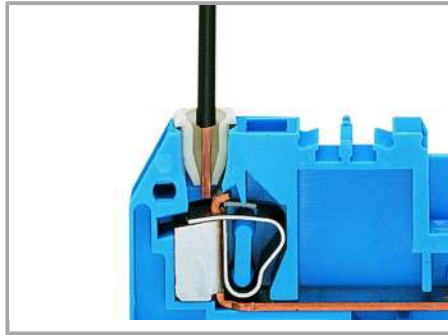
Insulation stop usage will not affect the conductor strip lengths for the aforementioned rail-mount terminal blocks.

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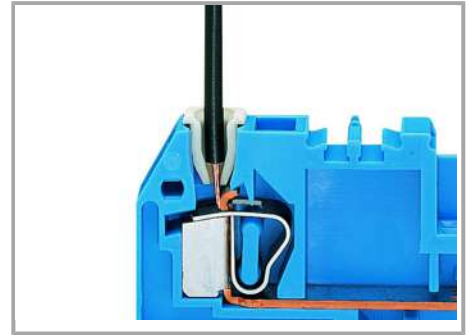
Inserting a conductor



Insert stripped, untwisted conductor into insulation stop.



The conductor is bundled.



The conductor insulation is prevented from being pushed into the clamping unit by the positive stop.

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