



Data
Connection data

Connection 1

Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
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Material data

Note (material data)	Information on material specifications can be found here
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Color	light gray
Fire load	0.009 MJ
Weight	0.3 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92

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

WAGO GmbH & Co. KG
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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.



ETIM 8.0	EC002848
ETIM 7.0	EC002848
ECCN	NO DATA
PU (SPU)	200 (25) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332267311
Customs tariff number	39269097900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Jumpers

Jumper	
 Item no.: 210-103	www.wago.com/210-103
Wire commoning chain; insulated; black	

Downloads

Documentation

Bid Text

280-471	2019 年2月19 日	xml	Download
X81 - Datei		2.6 kB	
280-471	2018 年1月4 日	doc	Download
doc - Datei		24.1 kB	

Additional Information

Technical Section	pdf	Download
Technical explanations	2.3 MB	

CAD/CAE-Data

CAE data

WSCAD Universe 280-471	URL	Download
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ZUKEN Portal 280-471

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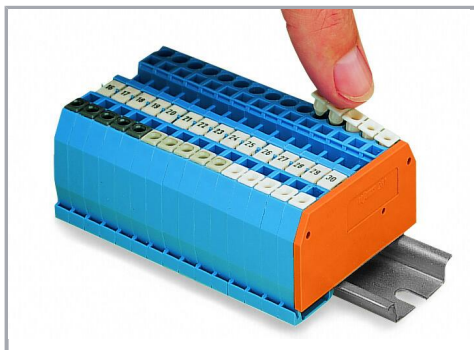
	URL	Download
EPLAN Data Portal 280-471	URL	Download
CAD data		
2D/3D Models 280-471	URL	Download
Asset Administration Shell		
Asset Administration Shell 280-471	URL	Download
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 280-471	URL	Download
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray		

Installation Notes
Installation

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The problem: Wiring 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.

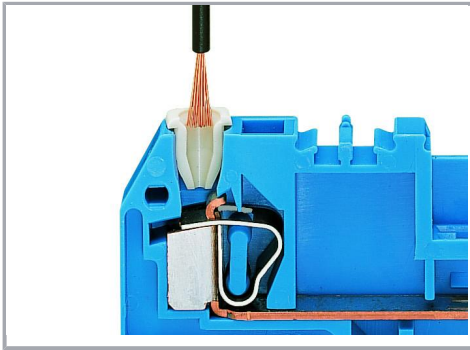
The solution: An insulation stop for rail-mount terminal blocks. Insulation stops automatically bundle the cores of fine-stranded conductors when inserted into the clamping unit, preventing splaying. This also limits the conductor entry to a defined cross sectional area – ensuring the actual conductor, 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.

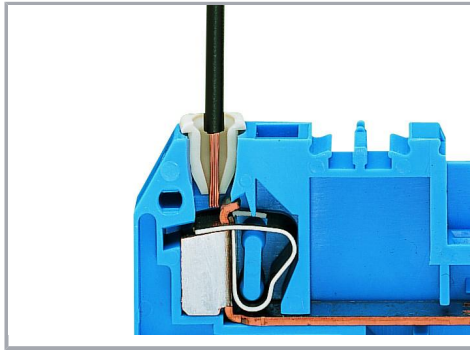
Insulation stop usage will not affect the conductor strip lengths for the aforementioned rail-mount terminal blocks.

Conductor termination

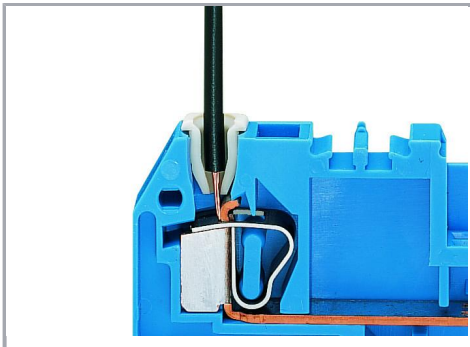
Subject to changes. Please also observe the further product documentation!



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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