



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	black
Fire load	0.008 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!

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ETIM 8.0	EC002848
ETIM 7.0	EC002848
PU (SPU)	200 (25) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332267328
Customs tariff number	39269097900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads
Documentation

Bid Text			
280-472 X81 - Datei	2019 Feb 19	xml 2.6 kB	Download
280-472 doc - Datei	2018 Jan 4	doc 24.1 kB	Download
Additional Information		pdf 2.3 MB	Download

CAD/CAE-Data

CAD data			
2D/3D Models 280-472		URL	Download
CAE data			
WSCAD Universe 280-472		URL	Download
ZUKEN Portal 280-472		URL	Download
EPLAN Data Portal 280-472		URL	Download

Asset Administration Shell

Asset Administration Shell 280-472
Subject to changes. Please also observe the further product documentation!



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Environmental Product Compliance

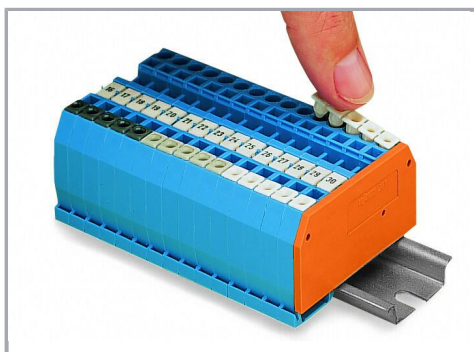
Compliance Search

Environmental Product Compliance 280-472	URL	Download
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black		

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.

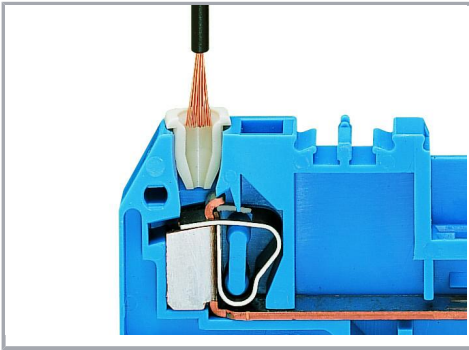
Insulation stop usage will not affect the conductor strip lengths for the aforementioned rail-mount terminal blocks.

Conductor termination

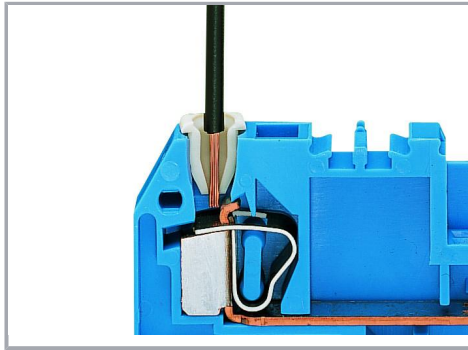
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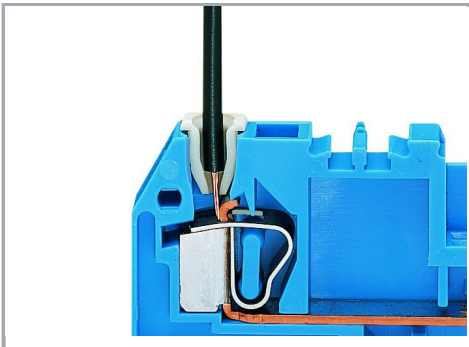
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Insert stripped, untwisted conductor into insulation stop.



The conductor is bundled.



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

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