



Color: ■ light gray

Connection data

Connection 1

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

Material data

Note (material data)

[Information on material specifications can be found here](https://www.wago.com/us/material-specifications)

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

ETIM 8.0 EC002848

ETIM 7.0 EC002848

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
------------------------	-------------------------

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 280-471	↓

Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	↓

Bid Text			
280-471	19.02.2019	xml 2.53 KB	↓
280-471	04.01.2018	doc 23.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 280-471	↓

CAE data	
EPLAN Data Portal 280-471	↓
WSCAD Universe 280-471	↓
ZUKEN Portal 280-471	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Jumper

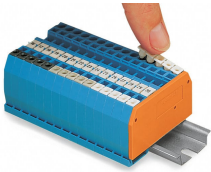
1.1.1.1 Jumper



[Item No.: 210-103](#)
Wire commoning chain; insulated; black

Installation Notes

Installation



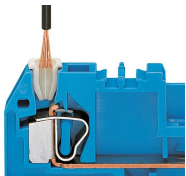
The problem: Wiring programmable logic controllers and microprocessor-operated control circuits often relies on very small, fine-stranded conductors. These conductors are highly flexible and deform when pushed against the conductor stop in terminal blocks. As a result, the conductor insulation – not 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.

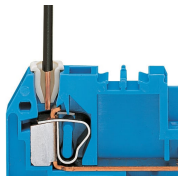
Insulation stops are available as dividable 5-pole strips for 279, 280/780/870/880 and 281/781 Series Rail-Mount Terminal Blocks.

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

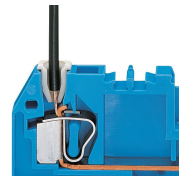
Conductor termination



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.