272

Miniature Through/Ground Conductor and Ex Terminal Blocks 2.5 mm² for DIN 35 Rail 264 Series



0.08 - 2.5 mm² 800 V/8 kV/3 **1** I_N 24 A AWG 28 - 12 * 300 V, 20 A **9** 600 V, 20 A **9**

Terminal block width 6 mm / 0.236 in 8 - 9 mm / 0.33 in 2

0.08 - **2.5** mm² 800 V/8 kV/3 **1** I_N 24 A AWG 28 - 12 * 300 V, 20 A **%** 600 V, 20 A **®**

Terminal block width 10 mm / 0.394 in

8 - 9 mm / 0.33 in 2





* AWG 12: THHN, THWN

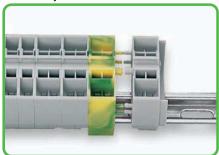
800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

- 2 Strip length, see packaging or instructions.
- 3 Suitable for Ex i applications
- Suitable for Ex e II applications 0.5 mm² - 2.5 mm²/AWG 20 - 12* 690 V, 23 A (also see Section 14)
- See application notes for: Test plug module, page 456 Alternate comb-style jumper bar, page 200

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Item-Specific Accessories											Ex e/Ex i sep	-	le,		
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N I_k terminal black	_											1 1			
2 way 281-492 100 4x25 2	•	Section 1													
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green-yellow 264-737 100 10 mm wide gray 249-117 50 (2x25)						9					• •				
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						40			0.130	100 (4×25)		•	v	10	

Miniature Rail-Mounted Terminal Blocks for DIN 15 and DIN 35 Rails 264 Series

Assembly



Quick assembly keys prevent reverse mounting.

Removal



Separate terminal strip and slide the individual terminal block laterally.

Removal



Remove terminal block from the carrier rail.

Commoning



Commoning with comb-style jumper bar.

Commoning



Commoning with comb-style jumper bar.

Application



Easy handling with minimum space in small enclosures.

Combining/Marking



Combining 2- and 4-conductor terminal blocks. Marking via miniature WSB quick marking system.



CAGE CLAMP® clamps the following copper conductors:



stranded



fine-stranded, also with tinned single strands

^{*} For aluminum conductors, see notes in Section 14.

¹ When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

- Description and Handling -

CAGE CLAMP® connection



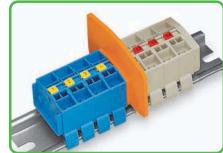
Conductor termination

Group formation



Indication of groups via intermediate plates.

Application notes



CAGE CLAMP®

Ex e/Ex i separator plate for miniature rail-mounted terminal blocks.

Testing



Testing by quick contact with the CAGE CLAMP® spring (limited to 0.5A).

Application notes



Testing via CAGE CLAMP® connection on the current bar – max. nominal current 6A;
CAGE CLAMP® clamps individual test contacts.

T marker tag



Marking with T marker tag (209-290).



fine-stranded, tip-bonded



fine-stranded, with ferrule **1** (gastight crimped)



fine-stranded, with pin terminal (gastight crimped)

