

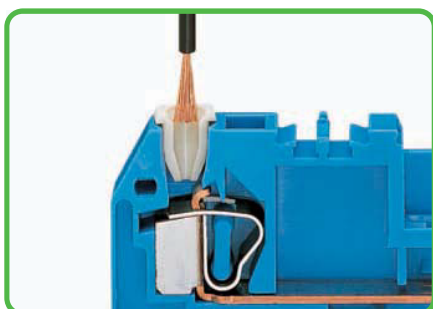
# Conductor Insulation Stops

## 0.08 mm<sup>2</sup> – 1.5 mm<sup>2</sup> / AWG 28 – 16

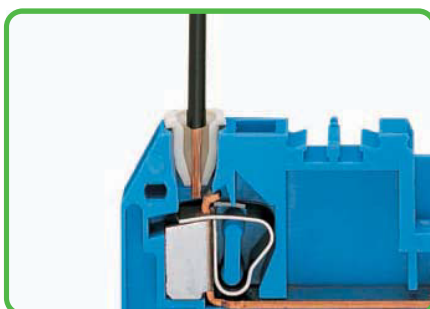
<p>Insulation stop suitable for all rail-mounted terminal blocks featuring:</p> <p>Terminal block width 4 mm / 0.157 in</p>	<p>Insulation stop suitable for all rail-mounted terminal blocks featuring:</p> <p>Terminal block width 5 mm / 0.197 in</p>	<p>Insulation stop suitable for all rail-mounted terminal blocks featuring:</p> <p>Terminal block width 6 mm / 0.236 in</p>
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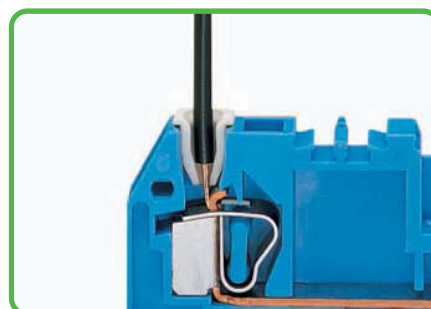
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<p><b>Insulation stop,</b> 5 pcs/strip, 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st")</p> <p>○ white      <b>279-470</b>      200 (8x25)</p>		<p><b>Insulation stop,</b> 5 pcs/strip, 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st")</p> <p>○ white      <b>280-470</b>      200 (8x25)</p>		<p><b>Insulation stop,</b> 5 pcs/strip, 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st")</p> <p>○ white      <b>281-470</b>      200 (8x25)</p>	
<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 mm<sup>2</sup></p> <p>● dark gray      <b>279-471</b>      200 (8x25)</p>		<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm<sup>2</sup></p> <p>○ light gray      <b>280-471</b>      200 (8x25)</p>		<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm<sup>2</sup></p> <p>○ light gray      <b>281-471</b>      200 (8x25)</p>	
		<p><b>Insulation stop,</b> 5 pcs/strip, 0.75 - 1 mm<sup>2</sup></p> <p>● dark gray      <b>280-472</b>      200 (8x25)</p>		<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 - 1.5 mm<sup>2</sup></p> <p>● dark gray      <b>281-472</b>      200 (8x25)</p>	
<p>The wiring of programmable logic controllers and micro-processor-operated control circuits often relies on very small cross sections of fine-stranded conductors. These small conductors are highly flexible, and they 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.</p>		<p>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.</p>		<p>The insulation stop is available as dividable 5-pole strip 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.</p>	



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.