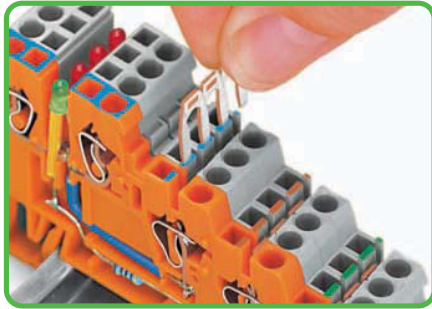
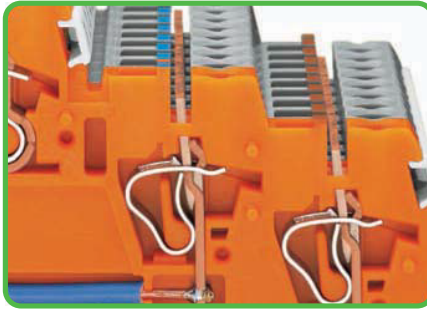


# Sensor and Actuator Terminal Blocks, 270 Series – Description and Handling –

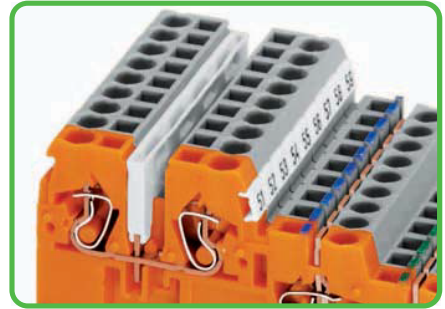
## Commoning



Inserting a jumper.

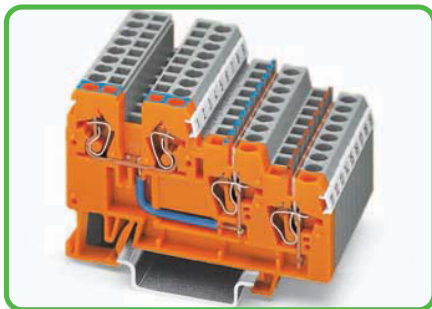


Commoning a supply voltage using uninsulated push-in type jumper bars, 2- to 9-way or 17-way (2 x 8 bits), depending on application.



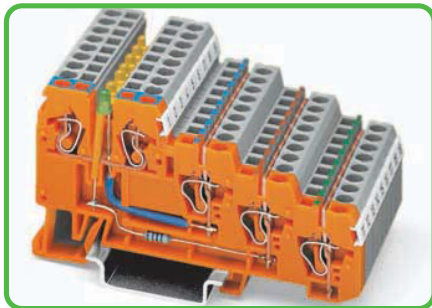
Commoning signal level voltage via insulated 870 Series push-in type jumper bars, 2- to 9-way, depending on application. **Sensor LED terminal blocks cannot be commoned on the signal level.**

## Sensor terminal blocks

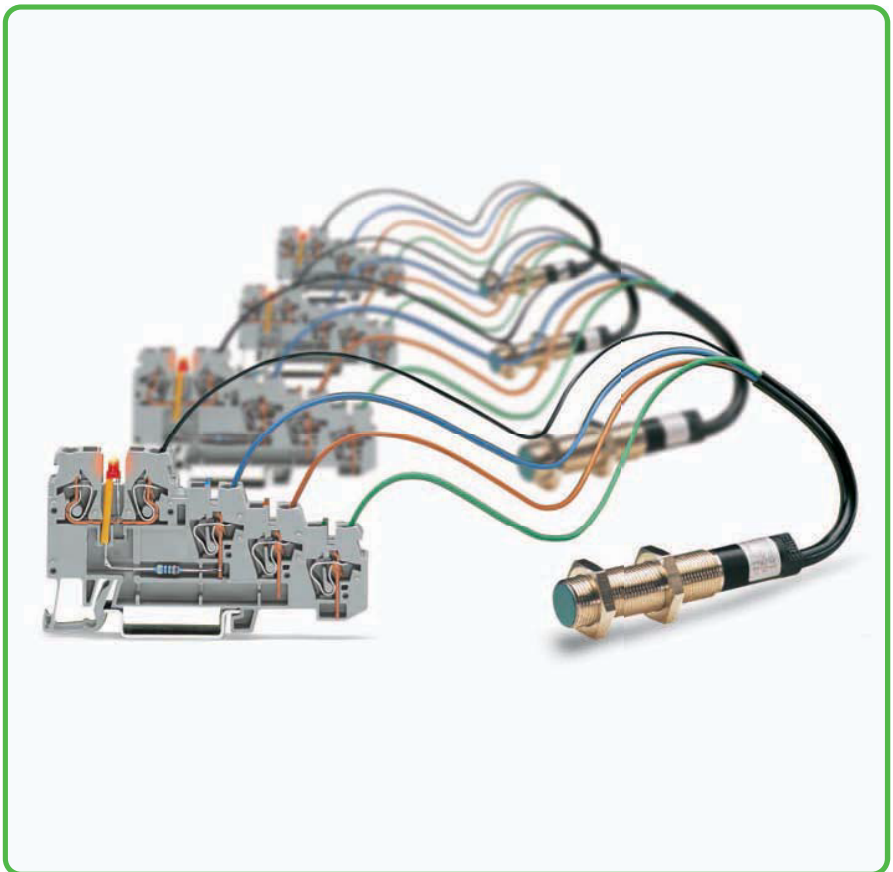


Terminal block assembly: Sensor terminal blocks

## Sensor LED terminal blocks



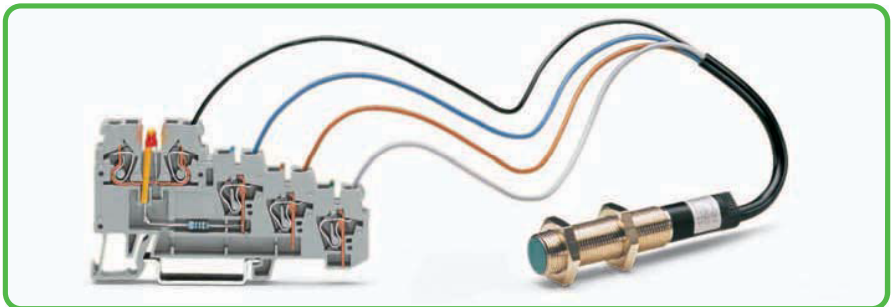
Terminal block assembly: Sensor LED terminal blocks



## Marking Strips



Marking strips  
Item No. 709-196  
**Not suitable for LED terminal blocks!**



Sensor LED terminal block

CAGE CLAMP® clamps the following copper conductors:\*

- solid
- stranded

fine-stranded, also with tinned single strands

fine-stranded, tip-bonded

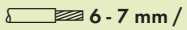
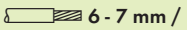
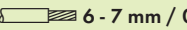
fine-stranded, with ferrule ❶ (gastight crimped)

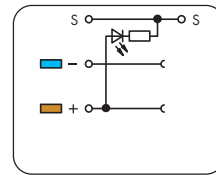
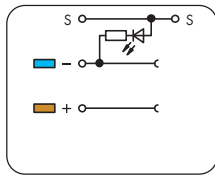
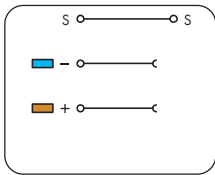
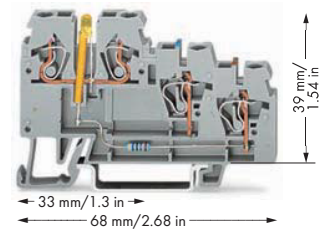
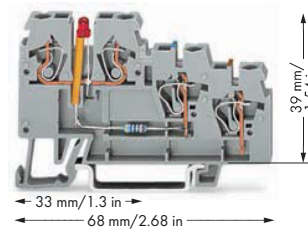
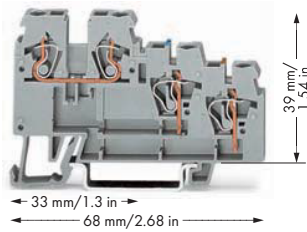
fine-stranded, with pin terminal (gastight crimped)

\* For aluminum conductors, see notes in Section 14.

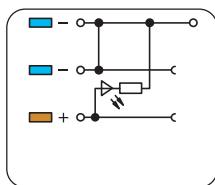
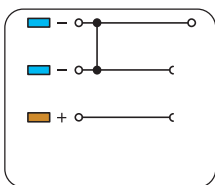
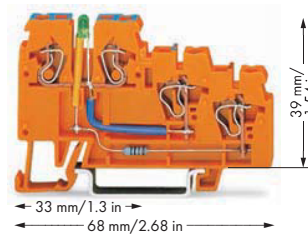
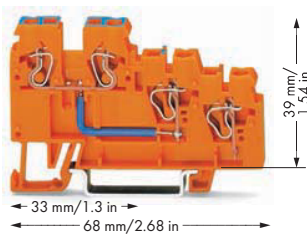
❶ When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

# 3-Conductor Sensor Terminal Blocks and 3-Conductor Sensor LED Terminal Blocks 270 Series

<p>0.08 - 2.5 mm<sup>2</sup>   AWG 28 - 12 *                  250 V/4 kV/3 ①   300 V, 20 A ②                  I<sub>N</sub> 18 A   300 V, 10 A ③</p> <p>Terminal block width 5 mm / 0.197 in   6 - 7 mm / 0.26 in ④</p>	<p>0.08 - 2.5 mm<sup>2</sup>   AWG 28 - 12 *                  24 VDC ②</p> <p>Terminal block width 5 mm / 0.197 in   6 - 7 mm / 0.26 in ④</p>	<p>0.08 - 2.5 mm<sup>2</sup>   AWG 28 - 12 *                  24 VDC ②</p> <p>Terminal block width 5 mm / 0.197 in   6 - 7 mm / 0.26 in ④</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>3-conductor sensor terminal block,</b> for DIN 35 rail		<b>3-conductor sensor LED terminal block,</b> for DIN 35 rail, for PNP (positive) switching sensors		<b>3-conductor sensor LED terminal block,</b> for DIN 35 rail, for NPN (negative) switching sensors	
● gray	<b>270-560</b> 50	● red LED	<b>270-560/281-434</b> 50	● yellow LED	<b>270-560/281-507</b> 50



Item No.	Pack. Unit	Item No.	Pack. Unit	
<b>3-conductor sensor supply terminal block,</b> for DIN 35 rail, internal bridge 9 A		<b>3-conductor sensor LED supply terminal block,</b> for DIN 35 rail		Tap-off modules (870-425, 870-426, 870-427) also suitable for signal level.
● orange	<b>270-564</b> 50	● green LED	<b>270-564/281-483</b> 10	

For list of approvals and user guide, see pages 634 to 637.