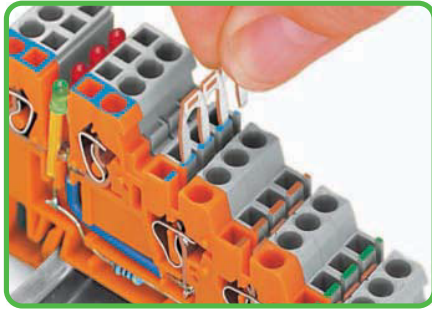
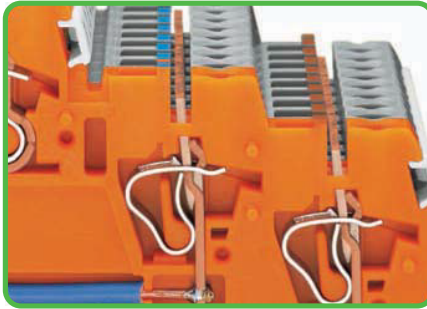


Sensor and Actuator Terminal Blocks, 270 Series – Description and Handling –

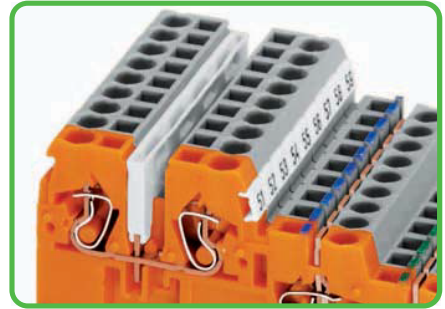
Commoning



Inserting a jumper.

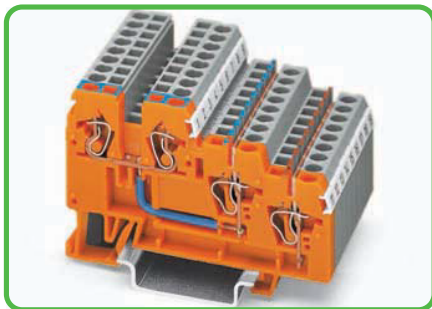


Commoning a supply voltage using uninsulated push-in type jumper bars, 2- to 9-way or 17-way (2 x 8 bits), depending on application.



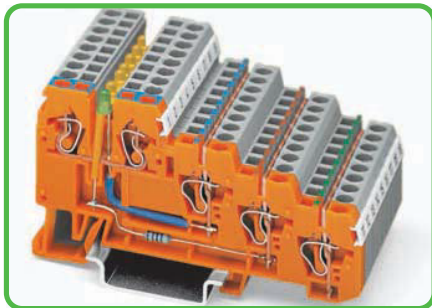
Commoning signal level voltage via insulated 870 Series push-in type jumper bars, 2- to 9-way, depending on application. **Sensor LED terminal blocks cannot be commoned on the signal level.**

Sensor terminal blocks

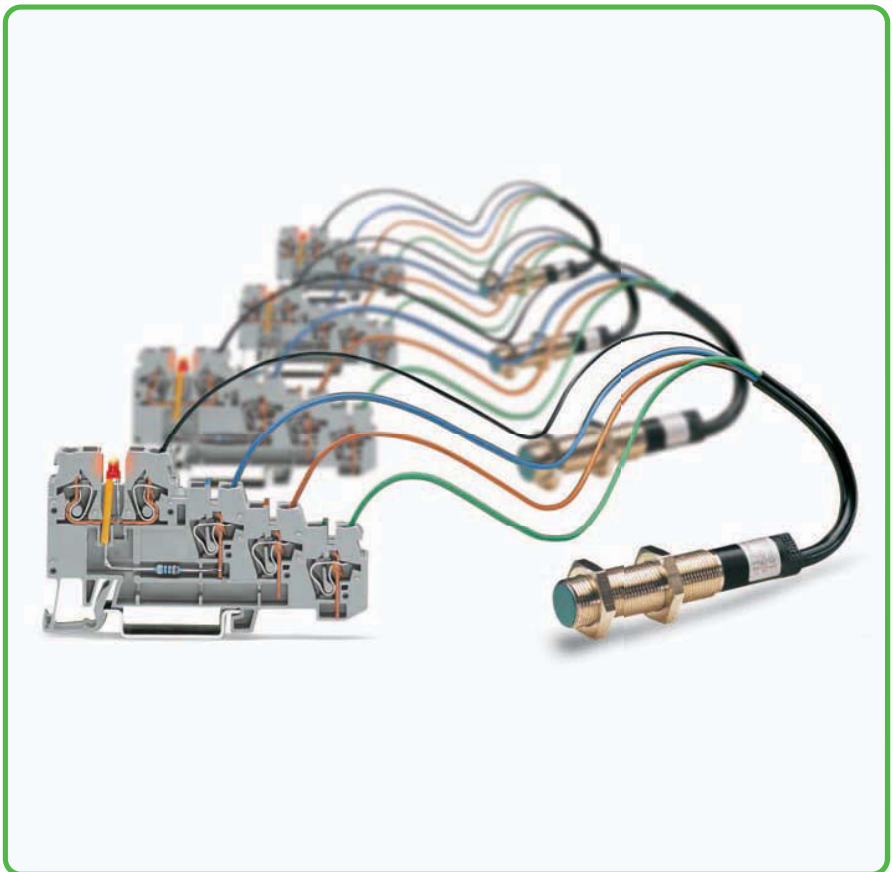


Terminal block assembly: Sensor terminal blocks

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

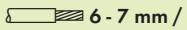
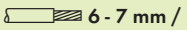
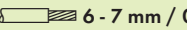
fine-stranded,
with ferrule ❶
(gastight crimped)

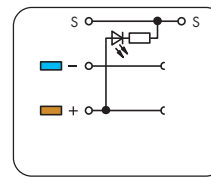
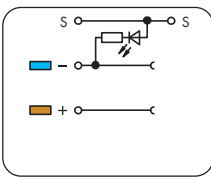
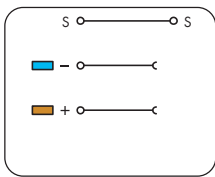
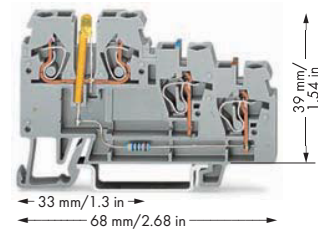
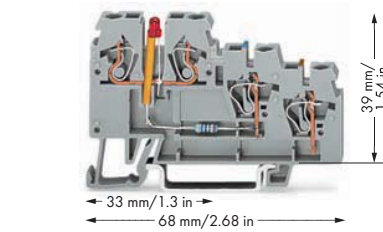
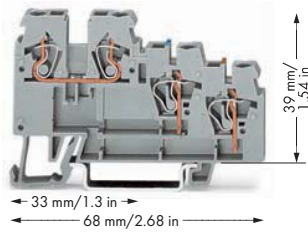
fine-stranded,
with pin terminal
(gastight crimped)

* For aluminum conductors, see notes in Section 14.

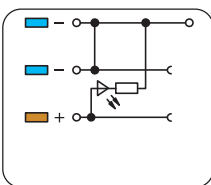
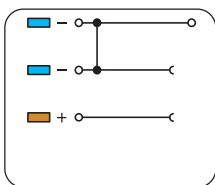
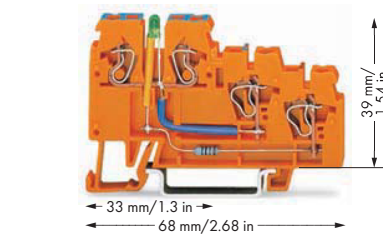
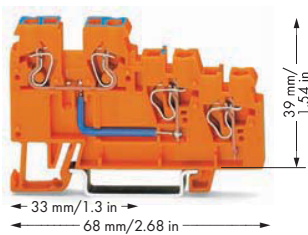
❶ When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

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

<p>0.08 - 2.5 mm² AWG 28 - 12 * 250 V/4 kV/3 ① 300 V, 20 A ② I_N 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 mm² 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 mm² 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
3-conductor sensor terminal block, for DIN 35 rail		3-conductor sensor LED terminal block, for DIN 35 rail, for PNP (positive) switching sensors		3-conductor sensor LED terminal block, for DIN 35 rail, for NPN (negative) switching sensors	
● gray	270-560 50	● red LED	270-560/281-434 50	● yellow LED	270-560/281-507 50



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