



Technical Bulletin

New Generation POPIT noise susceptibility

<p>Issue severity</p> <p><input type="checkbox"/> High. Act immediately</p> <p><input type="checkbox"/> Medium. Bosch Security Systems strongly recommends you take the action described below.</p> <p><input checked="" type="checkbox"/> Low. Advisory</p>	<p>Products affected</p> <p>Name/CTN of product</p> <ul style="list-style-type: none"> ▶ D9127T-CHI ▶ B9512G-CHI ▶ B8512G-CHI ▶ B299
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Date

October 21, 2024

Issue

Bosch has discovered a performance issue with some D9127T-CHI POPIT modules. This issue is related to devices used on long wired runs and where electrical interference is present. It can cause the device to appear missing or to report using an incorrect address.

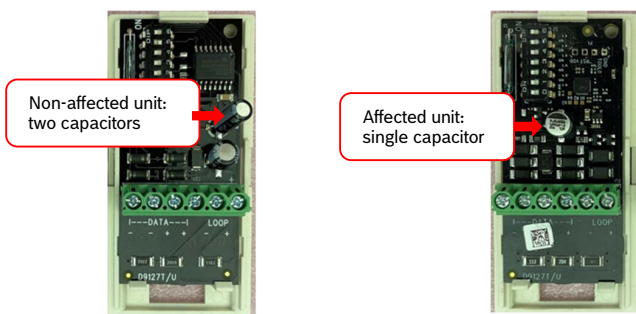
This issue ONLY affects D9127T-CHI's shipped starting April 2024 and D9127T shipped starting August 2024.

Affected models can be identified by checking the material number printed on the product packaging. Material numbers F.01U.418.089 (D9127T-CHI) are affected.

Affected units can also be identified by looking for one small capacitor near the center of the printed circuit board (PCB). Previous versions had two stand up capacitors near the side of the PCB and are not affected.

Old POPIT

New POPIT



Resolution

If you are experiencing this issue please try to follow the wiring practices as described below.

- Do not use T-Taps. Each wire run is on its own B299.
- Reduce the length of the wire run.
- Maintain 6 feet of separation between low voltage wiring and electrical motors.
- Maintain 6 feet of separation between low voltage and high voltage electrical cables.
- Always cross high voltage cables at a 90° angle.
- When possible, run low voltage wires inside of conduit with other low voltage only.

Items to avoid

- Generators
- Transformers
- High voltage electrical panels
- Induction heaters
- Fluorescent light fixtures
- Electrical motors
- Medical equipment
- Factory machines/equipment
- High powered wireless transmitters

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