Honeywell

Date: August 2023 Technical Bulletin HW23.12

To: Limited Release to ESDs and Dealers

Proper installation of the HW-AV-LTE-M (the "Products") when triggered relay events are configured to ensure local trouble annunciation of the Fire Alarm Control Panel

Immediate Action Needed

This notification is directed to a limited set of impacted ESDs and Dealers. This does not impact all purchases.

In accordance with NFPA 72 2013 and later editions, fire-rated relays are required to locally annunciate communicator faults at the Fire Alarm Control Panel, as per the wiring diagram below.

Issue: Honeywell has identified an issue when the HW-AV-LTE-M is installed, and triggered relay inputs are used. To properly comply with NFPA 72, the means to annunciate communication troubles to the Fire Alarm Control Panel must be implemented using the wiring diagrams below. Honeywell has identified a specific set of customers using the relay configuration option who will be contacted regarding this issue. Please review your installation records and ensure the Pathway Communicator is installed in accordance with this wiring diagram. Diagram on next page.

Firmware Versions:
Pathway Serial Numbers beginning with digit 2: 9.1.140
Pathway Serial Numbers beginning with digit 5: 8.3.69

If the installation requires a Dual Path solution, two fire relays are required. In this scenario, Out2 of the Pathway must be connected to the FACP indicating one of the two paths is disrupted. Additionally, Output 1 must be connected to an additional FACP trouble input indicating BOTH paths of communication are disrupted.

If the installation requires a Sole Path solution, only one fire relay is required and must be connected to OUT2.

Your fire and security equipment distributor should have UL Listed fire-rated relays, such as the Air Products & Controls PAM-1 relay readily available for your installation needs. If you need assistance identifying your customers using this configuration, please contact your Regional Sales Manager.

Technical questions regarding this bulletin should be directed to Fire-Lite Technical Support 1-800-624-3473 or CLSS Tech Support at CLSS.Tech@honeywell.com

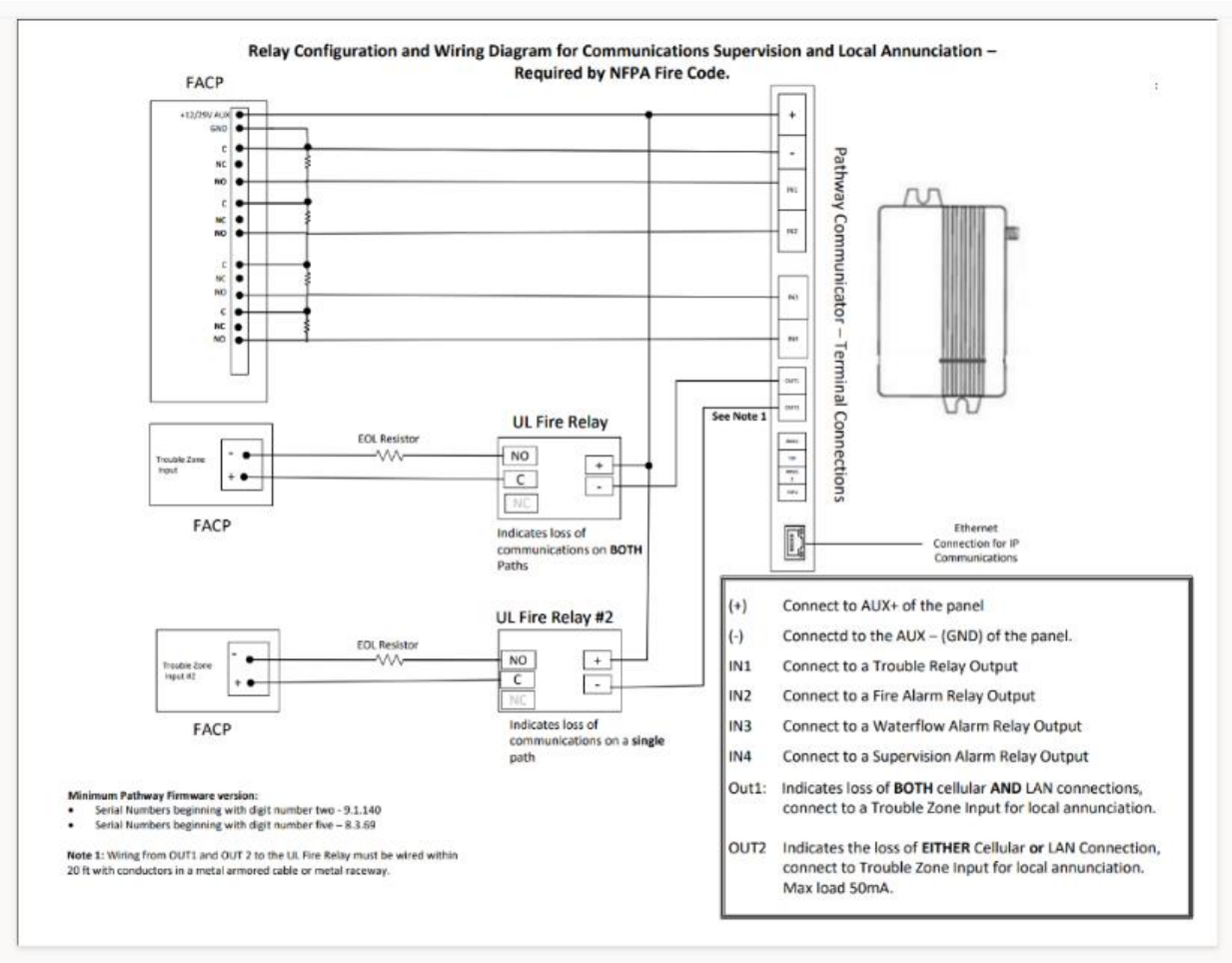
We appreciate your business and continued support of Honeywell products.

Rajesh Nalukurthy
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Honeywell

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Relay Configuration and Wiring Diagram for Communications Supervision and Local Annunciation – Required by NFPA Fire Code.
FACP
Pathway Communicator – Terminal Connections
UL Fire Relay
EOL Resistor
NO
C
NC
See Note 1
Ethernet Connection for IP Communications
Indicates loss of communications on BOTH Paths
FACP
UL Fire Relay #2
EOL Resistor
Indicates loss of communications on a single path
FACP
Minimum Pathway Firmware version:
Serial Numbers beginning with digit number two - 9.1.140
Serial Numbers beginning with digit number five – 8.3.69
Note 1: Wiring from OUT1 and OUT 2 to the UL Fire Relay must be wired within 20 ft with conductors in a metal armored cable or metal raceway.
(+) Connect to AUX+ of the panel
(-) Connectd to the AUX – (GND) of the panel.
IN1 Connect to a Trouble Relay Output
IN2 Connect to a Fire Alarm Relay Output
IN3 Connect to a Waterflow Alarm Relay Output
IN4 Connect to a Supervision Alarm Relay Output
Out1: Indicates loss of BOTH cellular AND LAN connections, connect to a Trouble Zone Input for local annunciation.
OUT2 Indicates the loss of EITHER Cellular or LAN Connection, connect to Trouble Zone Input for local annunciation. Max load 50mA.