Gamewell FCI FIRE CONTROL INSTRUMENTS by Honeywell

Technical Bulletin

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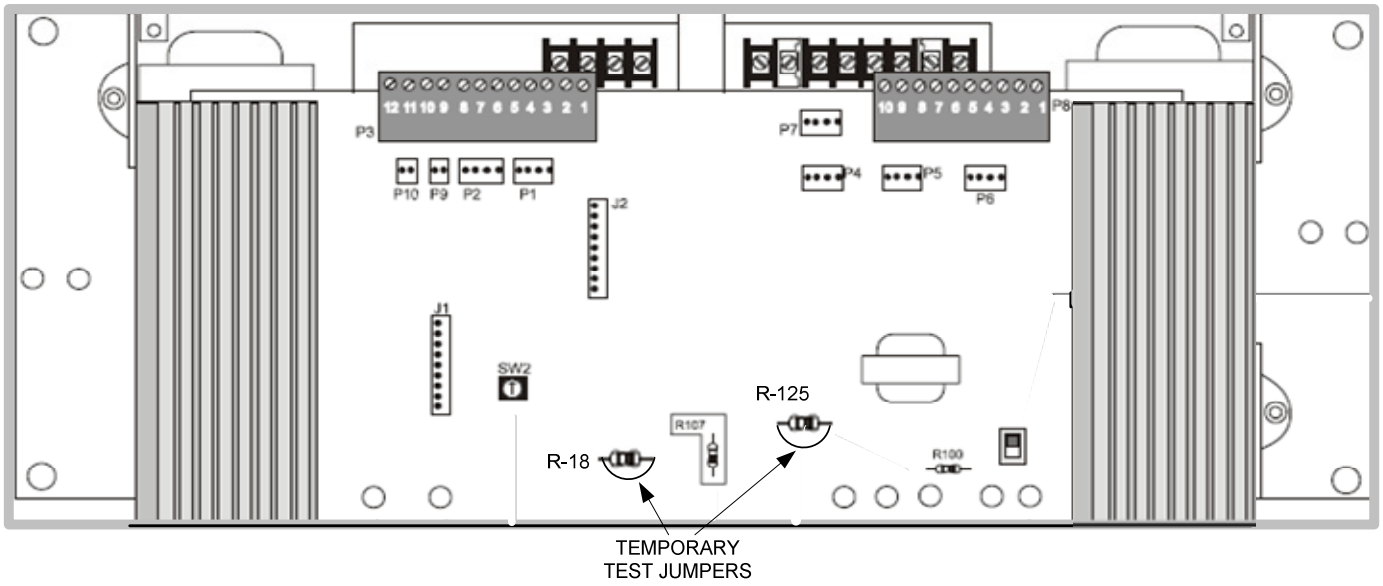
To: All Gamewell-FCI Distributors

Application Tech Tip: AA-100 Series Intelligibility Testing

During intelligibility testing on a Gamewell-FCI E3 audio evacuation system using bulk audio amplifiers, if keying the microphone for an extended period of time without sufficient audio input, it may be possible for an audio tone to be generated after 30 seconds of continuous microphone use. This is a normal operation and does occur during normal operations; although it can be bothersome during extended testing procedures. To temporarily bypass this default supervisory tone on the AA-100 amplifier for testing, this procedure should be followed:

To temporarily disable the back-up tone and the trouble reporting from the AA-100 amplifiers during testing:

- Power down the system.
- Place test jumpers across resistors R-18 and R-125.
- After the test is completed, restore the fire alarm system back to full service by remove the jumpers.
- Re-test for back-up tone operation by keying the microphone for a 40 second time period. The selected back-up tone (HI-LOW or temporal) should be transmitted to the speakers.



Suggested Test Jumpers



Mini-Clip Test Jumpers

Test jumpers with mini-clip grabbers on each end make great temporary electrical connections when debugging circuits. They hold solidly to small wires and component leads and fit in very tight spaces. Each package contains five different colored jumpers (black , red, blue, yellow and green). Each test jumper is 15" long. Manufacturer: ELENCO. Manufacturer's Part Number: TL-21.

Bob Gomersall
Product Manager
Gamewell-FCI