Honeywell | FARENHYT SERIES

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* * * Important Notice for Farenhyt Dealers * * *
* * * 6815 EXPANDER LOOP CARD APPLICATION WITH FARENHYT BLACK SERIES * * *

Summary:

As part of our ongoing efforts to enhance system reliability and scalability, this communication outlines the recommended practices and considerations for Honeywell Farenhyt Black Series when integrating the 6815/5815XL SLC Expanders with the RPS-1000 Intelligent Power Module.

Issue:
Farenhyt Black Series have observed intermittent interference on the SLC line which may be caused by several factors.

What are the symptoms of SLC interference?

- Devices from the main SLC or SLC expander cards show random troubles (missing, invalid response, wrong type, etc.)
- The troubles may come from one SLC loop or all of them at the same time.
- There is no pattern, meaning, any device from any part of the building could show trouble conditions.
- The trouble conditions may last a fraction of a second and clear on their own.
- In some cases, the troubles are not shown in the keypad but rather register in Event History.

How do you determine if the SLC loops are interfering with each other?

- If one loop is connected, either the main one or an SLC card, and it remains normal, but as soon as another loop is connected the troubles start, it indicates that both SLC loops are interfering with each other.
- Verify that each loop works properly if connected on its own to the FACP.
- “Runaway” condition going in and out in the Monitoring station.

Models Affected:

What devices could be involved in the interference?

- It could happen in IFP-300, IFP-300ECS, IFP-2100 or IFP-2100ECS using 6815 or 5815XL expander cards.

Action Required:

Best practices have been observed when installing the 6815/5815XL in an RPS-1000 cabinet:

- For safety concerns, power is to be removed from the panel before installation.
- Ensure proper grounding precautions before handling static-sensitive components.
- The 6815/5815XL board can be securely mounted using the designated standoffs and screws.

Field Recommendations

- When interference or communication faults are suspected, consider isolating the 6815/5815XL from shared power sources and verifying SBUS wiring integrity.
- For installations with long wiring runs or multiple buildings, evaluate the need for separate panels or additional isolation to maintain signal integrity.

Continue monitoring system behavior post-installation and document any anomalies for root cause analysis and contact technical services for support at 1-800-446-6444 or sk.technicalsupport@honeywell.com

For an explained process on how to troubleshoot these issues, please refer to Knowledge Article:
Farenhyt - 5815XL and 6815 Intermittent Interference

We appreciate your business and continued support of Farenhyt products.