

Engineering Department

Engineering Change Order (ECO)

ECO #: ECO-PN4-003-001

Effective Date: April 24, 2017

Title: Pro4 Power Supply Thermistor Retention

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 Engineering Approval: aeg
 Operations Approval: aeg

Date: April 24, 2017
 Date: May 5, 2017
 Date: May 8, 2017

Summary:

Retention on Pro4 power supply thermistors was implement to improve reliability. This will be an interim solution awaiting power supply PCB revision.

Parts Affected:

Part Number	Notes	Removed	Added	Modified
PN4-003	Circuit Board Panel Power Supply 5/12/24/74 V DC (Pro 4)	☐	☐	☒
52334	Loctite 596 Red High Temperature RTV Silicone	☐	☒	☐

Detail:

There has been reports of thermistors breaking off the Pro4 power supply during shipping. To prevent this failure, retention on the thermistors has been implemented using high temperature silicone. This will be an interim solution awaiting power supply PCB revision.

Action Item:

Action	Department	Acknowledgement Initials
Notify Pro4 panel assemblers of the part revision. Provide ECO documentation and instructions to Pro4 panel assemblers.	Purchasing	NS
Purchase Loctite 596 Red (52334) for production use.	Purchasing	NS
Implement thermistor retention on all incoming Pro4 panels.	Repairs	JK
Rework all in stock	Production	KK

Modified / Referenced Documents:

Document	Current Revision
Pro4 Power Supply Thermistor Retention	1

-- END OF ORDER --