

SAFETY – IMPLEMENTED DURING NORMAL COURSE
OF PROVIDING SUPPORT

E6198A-01-S

S E R V I C E N O T E

Supersedes:
NONE

E6198A Switch Load Unit (SLU)
- used in E8780B, E8781A, E8786B, E2240A, and N9380A

Serial Numbers: MY45330108 - MY45330782

POSSIBLE “ELECTRICAL SHOCK” HAZARD

WARNING

HAZARD CLASS 3

The SLU internal power supply without protective cover is potentially accessible by users when the unused slots are not covered by faceplates.

Parts Required:

| P/N | Description | Qty. |
|-------------|-------------------------|-------------|
| E6170-24100 | PSU Cover for 0950-4748 | 1 |

ADMINISTRATIVE INFORMATION

| | | |
|--|---|--|
| SERVICE NOTE CLASSIFICATION: | | |
| SAFETY | | |
| ACTION CATEGORY: <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS LABOR: 0.5 Hours | |
| LOCATION CATEGORY: <input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER | SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT |
| AVAILABILITY: 5 yr. or EOS (which ever occurs later) | NO CHARGE AVAILABLE UNTIL: 5 yr. or EOS (which ever occurs later) | |
| AUTHOR: GOH SWEE CHYE | PRODUCT LINE: PLQW | |
| ADDITIONAL INFORMATION: | | |

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Situation:

The SLU internal power supply is installed without a protection cover and this creates the possibility that an operator may have access to the hazardous voltage of the power supply. This will happen especially if the faceplates of unused slots are removed. Therefore, we have designed a special protection cover (E6170-24100) for the power supply to prevent the access of hazardous voltage.

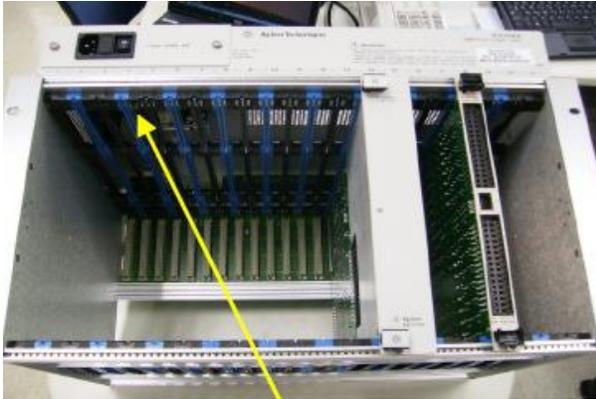


Figure 1. An arrow points the location of the internal power supply when faceplates are removed.



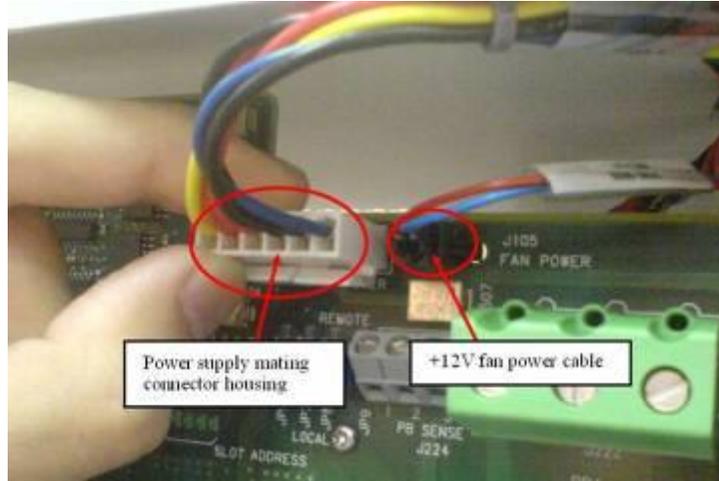
Figure 2. Jointed Test Finger touches the internal power supply of E6198A Switch/Load Unit.

Solution/Action:**Switch Load Unit internal power supply cover assembly procedures:**

1. Switch off the SLU power supply via power switch on the front side and then unplug the power cord from the SLU. Unscrew the screw on the rear side (circled in red) of the SLU and then remove the rear cover.



2. Unplug the power supply mating connector housing and +12V fan power cable from the SLU backplane as shown in the figure below.



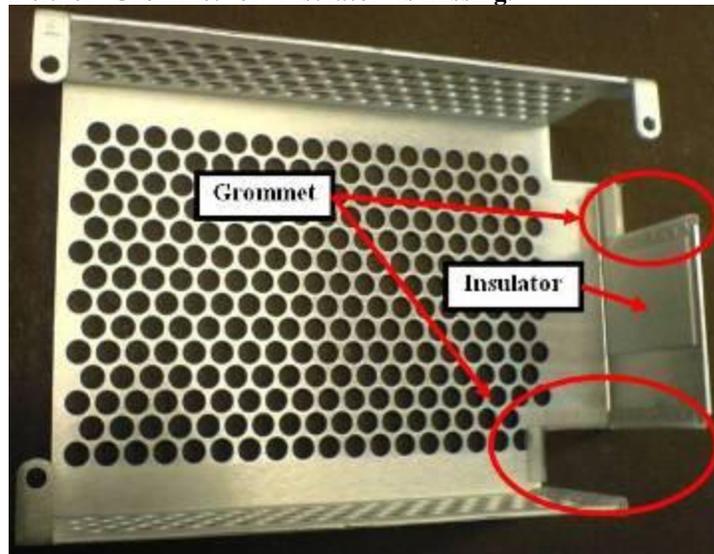
3. Unscrew the two screws on the front side (circled in red) of SLU and then remove the power supply from the SLU.



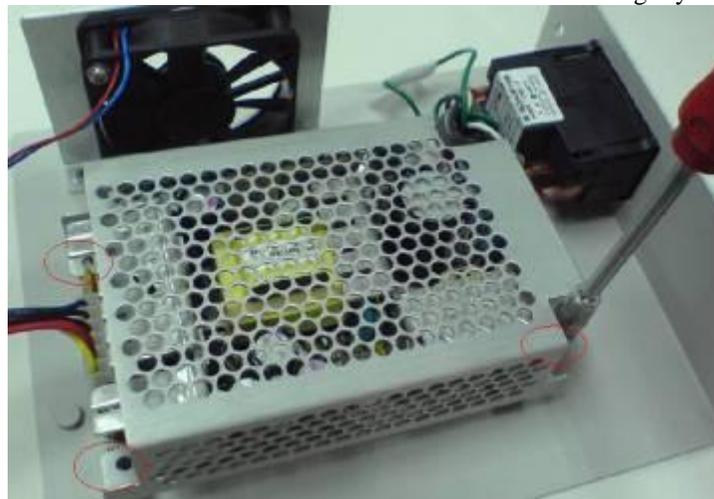
4. Unscrew the three screws (circled in red) as in the figure below.



5. Check the protective cover to ensure that the grommets are present to shield the metal edges (circled in red) and the insulator sheet is to isolate the input fuse from protection cover. **Warning: Do not use the protective cover if either 'Grommet' or 'Insulator' is missing.**



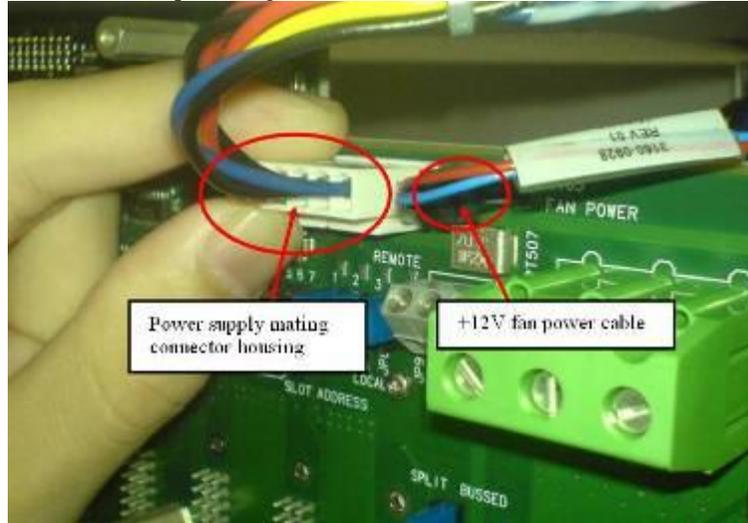
6. Align the protective cover to the power supply and make sure the wires around are tidily placed. Screw the three screws back to the same location. Check to ensure that the screws are tightly fastened.



7. The protective cover is now successfully assembled. Put and align the whole power supply back to the SLU and then fasten it with the two screws.



- Carefully take out the other end of the power supply cable and +12V fan power cable, and then plug in the two connectors to the SLU backplane. Again, check the connection to make sure that it is tight.



- Put and align the SLU rear cover back and then fasten it with the screw.



- Stick the available 'Cover ✓' label onto the SLU front panel as shown in figure below.

