

ENGINEERING PRACTICE STUDY

TITLE: Determine the acceptability of incorporating Printed Circuit Board (PCB) Relays into the FSC 5945 product offering.

29 March 2021

STUDY PROJECT

FINAL REPORT

Study Conducted by DLA Land and Maritime

Project Number: 5945-2021-004

Prepared by:

Erika Baker

I. OBJECTIVES: This engineering practice study is being conducted to determine the acceptability of FSC 5945 product offering benefiting from the inclusion of Printed Circuit Board (PCB) Relays. This addition has potential to increase, and diverse product offering. PCB Relays may be used to provide a more robust manufacturing presence offering a smaller footprint. Product application includes the following: FA Equipment - programmable controller, temperature controller, timer, I/O, Power Supplies-UPS, switching device, and switching power supply.

II. BACKGROUND: At this time, FSC 5945 does not include Printed Circuit Board (PCB) Relays.

Questions needing answers are:

1. Are manufacturers able to support product offering?
2. Will procurement needs support product offering?

III. RESULTS: The document was reviewed, and a DoD position determined. A survey letter was sent to all QPL manufacturers and document custodians/reviewers. The response failed to acknowledge an interest to support manufacturing, or procuring, a product offering.

IV. CONCLUSIONS: It was determined DLA Land and Maritime will not pursue incorporating Printed Circuit Board (PCB) Relays into the FSC 5945 product offering, due to the lack of response.

V. RECOMMENDATIONS: DLA Land and Maritime will maintain preparedness to incorporate Printed Circuit Board (PCB) Relays into the FSC 5945 product offering should a procurement need be identified.