YUNEX Technical Bulletin STAB22-0133

Plus+ Wait PDU PCB Change

YUNEX TRAFFIC

Introduction

This bulletin provides notification of a recent issue found on the Plus+ Wait PDU PCB Assembly 667/1/53150/001. The bulletin details what issues of the board are affected and what to do if you have any in stock.

Priority of Change: *Check current stock immediately and return if affected*

Scope

Plus+ Wait PDU PCB Assembly (667/1/53150/001 Issue 12~15)

Procedure

Recently an issue has been found, related to an incorrect capacitance value on the Plus+ Wait PDU PCB Assembly (667/1/53150/001) after it had a change of a transceiver chip. This has been fixed by a capacitor change on the node PCB and implemented on issue 16 of the Wait PDU board.

The transceiver part was recently changed after it became a critical component and unavailable from the market. It was changed at PCB issue 12, so all boards from issue 12 until the latest issue 16 will be affected by this issue.

Therefore it is recommended to check the items you have in stock and **all 667/1/53150/001 boards at issue 12, 13, 14 and 15** should be returned to Poole for repair/upgrade. New boards using the corrected capacitor will be issue 16 and above. All boards before issue 12 will use the previous transceiver and capacitor and are therefore ok to use (no need to change these).

<u>To confirm the issue number on 667/1/53150/001:</u>

The issue number can be identified on the QR code sticker where the end of the part number (001), is followed by the issue number.

In this photo we have 001-**12**, so its issue 12 of the board.

Boards at issue 12 to 15 can produce intermittent communication faults anywhere on the Plus+ ring where the units are installed. If you have faults on installed sites and suspect this to be related to this issue, please contact our Technical Support team in Poole for assistance before replacing the board.