

Siemens Technical Bulletin STAB16-0101

# Issue with recent batch of ST900/950ELV HPU

20th July 2016

**Product:** ST900/950ELV  
**Modifications Req:** No  
**Retrospective Action Req:** Yes  
**Priority of Change:** Urgent ASAP

- ✓ Introduction
- ✓ Scope
- ✓ Procedure

## Introduction

This Bulletin provides notification of an issue with a recent batch of ST950/950ELV HPU boards.

## Scope

Recently installed/commissioned ST900/950ELV Controllers.

## Procedure

It has recently been found that there was a batch of ST900/950ELV HPU boards fitted with the wrong relays. The result of this error means that these HPU boards will eventually cause the CPUs boards to fail (FLF17) and in some cases this may cause heat damage to the pcb.

The HPU boards in question were built in early March and have 12V Relays fitted instead of 24V Relays. The figures below show how to identify the Relays on the HPU board.

For any ST900/950ELV controllers commissioned in the last month and any that are being installed/commissioned in the next 3months, it is recommended to check the HPU board to ensure that it is fitted with 24V Relays. The longer the units with this error are left powered the more likely the HPU and CPU boards are to suffer non repairable damage.

Any HPUs (including those issued as spares) found with 12v Relays should be returned immediately to Poole for modification.

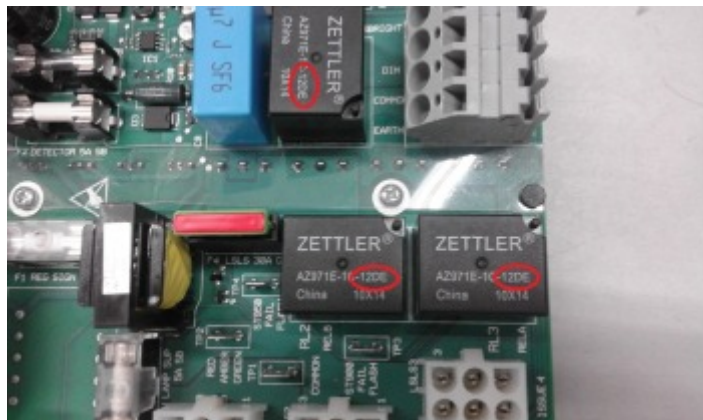


Figure1: HPU board with 12V Relays fitted (shown as -12DE)

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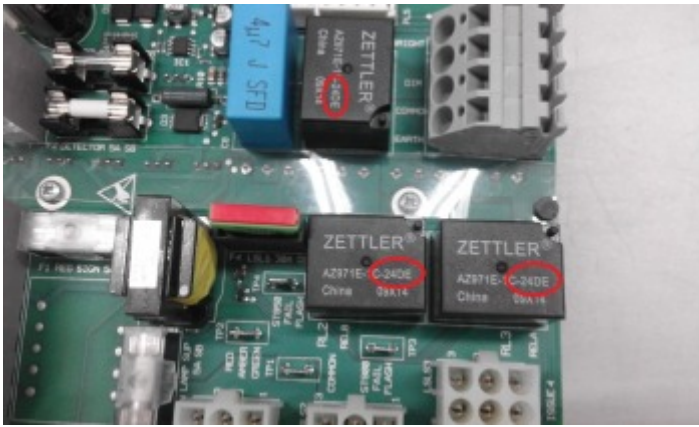


Figure2: HPU board correctly fitted with 24V Relays (shown as -24DE)

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