

Service Bulletin

SB MD41-24X-01

Relay Unit

MD41-24X Relay Units: MD41-24P(14), MD41-24P(28), MD41-24P(28K), MD41-244, MD41-248
Modification 1

Redesign of Relay Unit to replace 4 pole relays with 2 pole relays

1. DESCRIPTION

A. Effectivity:

This service bulletin is applicable to the MD41-24X Series of Relay Units manufactured by Mid-Continent Instrument Co., Inc. These updates are performed with PCB Board replacements by the manufacturer and are not eligible to be modified by any entity other than the manufacturer. Units with this modification are available for sale from the manufacturer and field units are not eligible for update. The units are identified by Modification Status 1 as shown on the nameplate.

B. Reason:

The MD41-24X series of relay units have been redesigned using 2 pole relays due to the the obsolescence of 4 pole relays on the market.

C. Description:

Redesign of Printed Circuit Board (p/n 7018575) & (p/n 7018567) to use 2 – 2 pole relays in place of 1 – 4 pole relay. This was accomplished by strapping 2 relays with 2 poles each together creating a relay pair. The end result is that when both relays are activated it would perform the same function as one 4 pole relay. Please note that interlock functionality on MOD 1 is not capable of monitoring all relays, but is an indicator that all relays have power applied to their activating coil.

D. Compliance: Optional.

E. Approval: No change.

F. Weight and Balance: No change.

G. Electrical load data: Increase to 2 Amps Max. to allow for additional relays.

H. Other Publications affected:

MD41-244/248 Relay Unit, Installation Manual and Operating Instructions (p/n 7019029)
MD41-24P() Relay Unit, Installation Manual and Operating Instructions (p/n 7019129)