

# C137 Multifunction Pulse Delay Relay



The Pulse Delay Module has been developed to be used with Cinemation Automation Systems.

The unit accepts both solid state and relay contact input pulses. The input pulse is delayed for a pre-defined period between 0-30s. A standard 0.7s pulse is then generated on a pair of individual 1A relay contacts.

The module can be introduced into Automation systems offering greater flexibility of programming.

## FEATURES

- Solid state or relay input
- 0-30s timer
- Dual output
- Operates from Automation 24V dc power supply



## TYPICAL APPLICATION

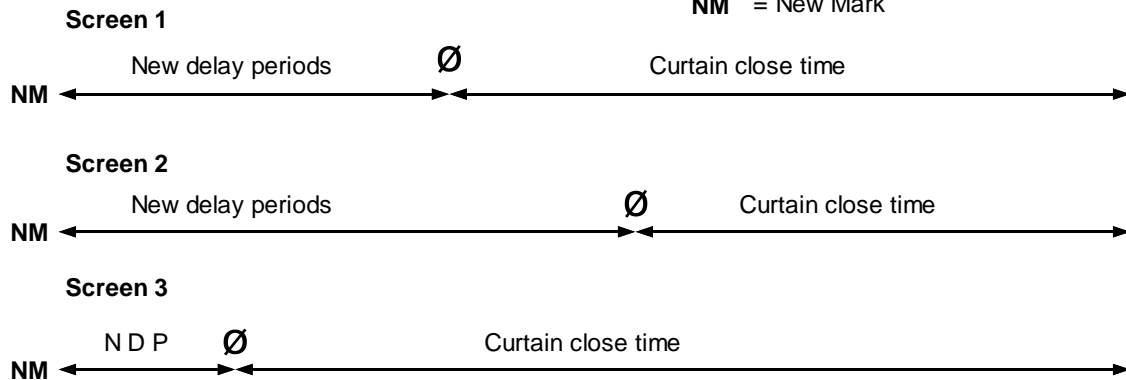
End sequence units AL87 / AL92 and AL93 currently have provision to compensate for different curtain closing times. However, when a film is moved to a different screen the trigger pulse mark on the film may require moving.

To compensate for these variations the Pulse Delay Module can be introduced between the film mark sensor and the end sequences unit.

## EXAMPLE

∅ = Original Mark

NM = New Mark



The period between new film mark and curtain close should be based on:

- The screen with the longest curtain close time
- Length of film or number of frames that becomes a standard for all screens

From this standard the Delay Modules are then set for each screen.

Shown to the right is the connection diagram showing the Pulse Module inserted into the old circuit.

The Film Mark Scanner provides the Delay Module with its input pulse. The delayed output pulse is fed to the existing input terminal block where the Film Mark Scanner was originally directly connected to. The existing connections are shown with a dashed line.

