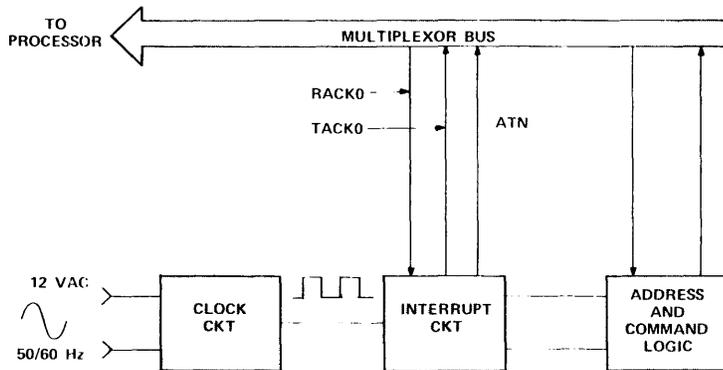


Line Frequency Clock



GENERAL DESCRIPTION

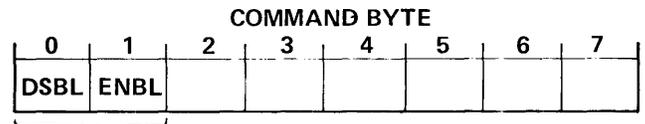
The Line Frequency Clock Module is used to provide interrupts based upon the AC line frequency of the main system power source. When enabled, it generates interrupts at twice the AC line frequency. The Module will support either 50 Hz or 60 Hz primary power.

FEATURES

- Generates Timed Interrupts
- Operates at 50/60 Hz
- Program Controlled
- Mounts in Any I/O Slot
- Half-Board Module
- Operates Over a Wide Temperature Range

OPERATIONAL CHARACTERISTICS

The Line Frequency Clock Module operates under program control. Capability is provided to enable, disable, or disarm the device. ENABLE allows the device to interrupt the processor. DISABLE permits an interrupt to be queued, but does not pass the interrupt to the processor operation. DISARM prevents the device from interrupting or queuing the interrupts.



DISARM

SPECIFICATIONS

- Power Requirements:** +5 VDC $\pm 5\%$, 1.0 Ampere
12 VAC 10 Milliampere
- Dimensions:** 7" x 15 3/8"
- Weight:** 24 ounces
- Environmental:** Temperature -- 0° C to 50° C
Humidity -- 90% relative humidity without condensation
- Interrupt Rate:** 8.33 ms at 60 Hz
10.0 ms at 50 Hz
- Product Number:** M48-012 Line Frequency Clock

The information contained herein is intended to be a general description and is subject to change with product enhancement.