

MOC3061-M

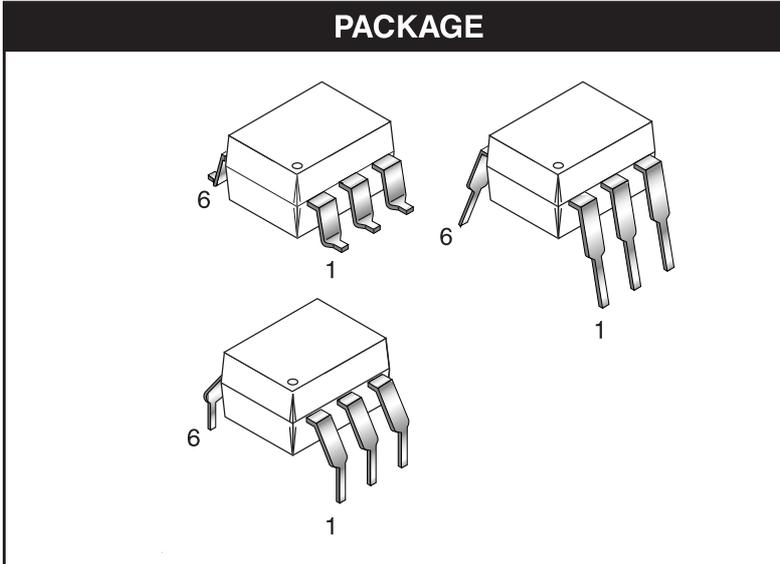
MOC3062-M

MOC3063-M

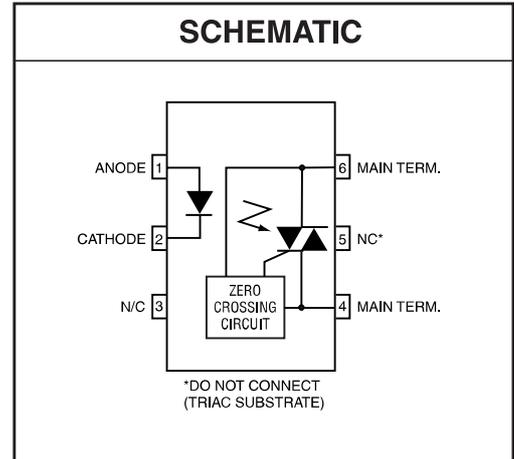
MOC3162-M

MOC3163-M

PACKAGE



SCHEMATIC



DESCRIPTION

The MOC306X-M and MOC316X-M devices consist of a GaAs infrared emitting diode optically coupled to a monolithic silicon detector performing the function of a zero voltage crossing bilateral triac driver. They are designed for use with a triac in the interface of logic systems to equipment powered from 115/240 VAC lines, such as solid-state relays, industrial controls, motors, solenoids and consumer appliances, etc.

FEATURES

- Simplifies logic control of 115/240 VAC power
- Zero voltage crossing
- dv/dt of 1000 V/ μ s guaranteed (MOC316X-M),
 - 600 V/ μ s guaranteed (MOC306X-M)
- VDE recognized (File # 94766)
 - ordering option V (e.g., MOC3063V-M)
- Underwriters Laboratories (UL) recognized (File #E90700, volume 2)

APPLICATIONS

- Solenoid/valve controls
- Static power switches
- Temperature controls
- AC motor starters
- Lighting controls
- AC motor drives
- E.M. contactors
- Solid state relays