



242L

TWO CHANNEL ISOLATOR UNIT FOR CALTRANS CABINETS

The Model 242L is powered from the 24VDC cabinet power supply and does not require AC Line.

FEATURES

- Meets / Exceeds Requirements of Caltrans QPL, TSCES January 1989 & March 2009 Plus Errata #2 (12/2014)
- Rugged Handle Assembly
- Reliable Isolated Power Supply

HIGHLIGHTS

- Enhanced I/O Transient Protection
- 100 ms Minimum Output Pulse Option
- Polarity Option
- Interchangeable With Model 242



CALTRANS CABINET COMPATIBLE

Rugged Handle Assembly

The Model 242L handle assembly is made of GE Lexan™, which is a super durable polycarbonate resin. The design of this assembly strengthens and protects the whole PCB assembly much better than conventional metal face plates.

Reliable Isolated Power Supply

The Model 242L uses a reliable and efficient isolated switching power supply to provide the DC voltages of the unit from the cabinet 24VDC power supply. The input bias voltages going to the inputs are isolated from both 24VDC Logic Ground and AC Neutral. The 242L will operate with an input voltage down to 10.8 VDC.

Enhanced I/O Transient Protection

Both the DC inputs and outputs are protected from damage due to transient voltages.

100 ms Minimum Output Pulse Option

The Model 242L can be programmed to provide output pulse widths of 100ms minimum.

Polarity Option

The input polarity for each channel can be inverted.



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