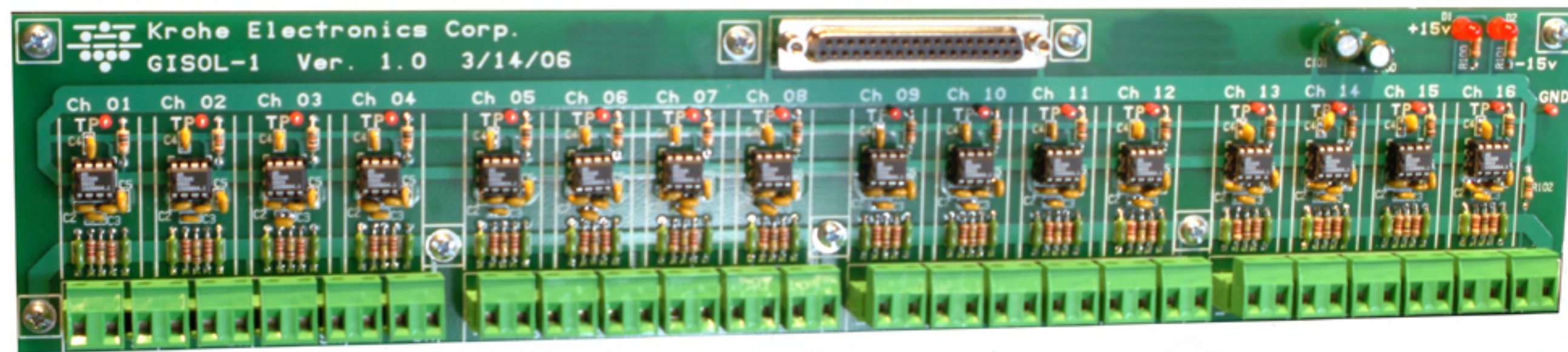


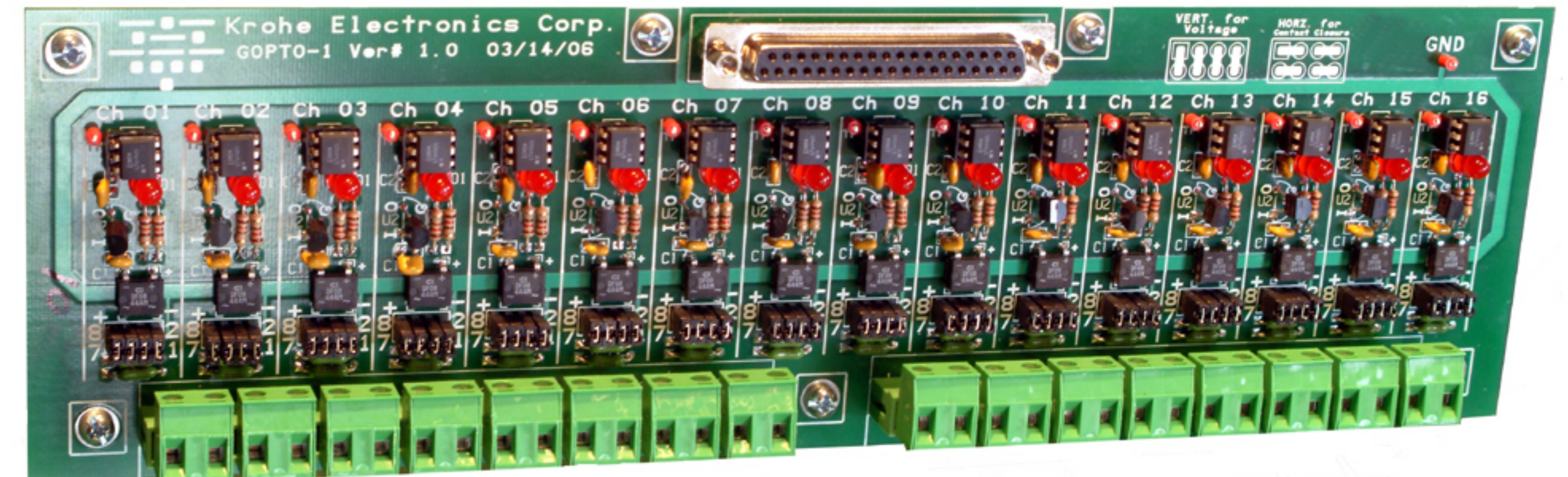
GISOL-1

METERING ISOLATION BOARD



GOPTO-1

OPTOISOLATOR STATUS BOARD



PRODUCT OVERVIEW

Any ground is an isolated ground....

The GISOL-1 board allows a GSC-3000 to connect to any low voltage telemetry signal, either positive or negative ground, isolating it from any other channel. No more worrying about interaction between grounds or not monitoring DC powered microwave systems due to positive grounds. Any low voltage, either polarity, will work nicely....

Voltage or contact closure, you choose....

The GOPTO-1 status board allows either a GSC-3000 or a VRC-2000 series control to monitor status with either a low voltage signal, either AC or DC or a contact closure or GPO (open collector). And it can do this on a channel by channel basis, allowing you to choose the best way to configure your remote control. When a voltage is used a convenient LED status light will light too...

Both units are fuse protected on both terminals, protecting both the boards themselves and the Burk or Gentner control units. Each input has its own individual, pluggable terminal block which allows changing from one channel to the other for ease of installation and trouble shooting....

FEATURES/BENEFITS

Status panel GOPTO-1

- Inputs can be between 3v and 30vdc, 5v and 24vac, or contact closure. Selected on an individual channel basis via header jumpers.
- LED status light on board for either AC or DC voltage modes.
- Power for each channel is derived from the DC/AC status voltage input, no power supply is needed.

Telemetry Isolation panel GISOL-1

- Inputs can be between -12v and +12v with unity gain throughput.
- Each channel is electrically isolated from any other channel.
- Each input is differential so isolated from ground or any other channel's input.
- Power for the active circuitry is taken from the remote control unit over the supplied Db37 cable, no power supply is required.

Common to both GOPTO-1 & GISOL-1

- 16 channels, each with individual, unpluggable terminal header plugs. Allows quick disconnection or reconfiguration of input wiring by simply moving interface plugs. No need to unscrew wires from terminal blocks to remove unit, or change to another input channel.
- Fused inputs on both hot and return legs for protection of circuits in line as well as the remote.
- 2 RU (3 1/2 inch) panel form factor.
- Both interfaces connect via Db37 connector and are pin for pin compatible with 16 channel Gentner/Burk GSC-3000 or VRC-2000 series remote control units.
- Each channel is electrically isolated from any other channel.

Burk and Gentner, GSC-3000 and VRC-2000 are trademarks of Burk Technology.