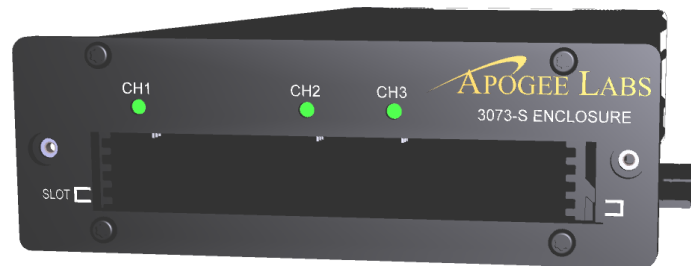




MODEL 3073-S SINGLE SLOT ENCLOSURE



FEATURES

- 10.0" x 5.6" x 1.8"
- One single wide (0.80") card slot
- +5 V, 7.5 W DC/DC internal power supply
- Status LED's for three channels
- Front panel power indicator (LED)
- +12 V, 12 W AC/DC external power supply

OVERVIEW

The Apogee Labs Model 3073-S Single Slot Telemetry Signal Interface enclosure is a cost effective unit which provides a convenient method of powering a single Apogee Labs 3073 module. In situations where the larger 16 channel 3033 chassis is not required, the single channel chassis provides a solution. All single-wide 3073 modules are fully supported by the 3073-S enclosure. An internal power converter module is used to convert the +12V input to all voltage levels required for operation of any 3073 module. The CH1, CH2, & CH3 LEDs provide simple status of conditions occurring on the module plugged into the 3073-S. Front panel status of the input signal, the most common status being signal transitions, is available for most modules.

In addition to the standard set of modules, custom interface modules can quickly be developed as required by the industry.

MODULE TYPES

- Telemetry code conversion
- PCM level conversion
- Signal and clock inversion
- Fiber optic transmission
- Logic change
- Time distribution
- Communication protocol
- Optical isolation
- Custom conversion

SETUP AND INSTALLATION

Refer to individual module manuals for information regarding module-specific instructions.

Sampling of Available Conversion Descriptions and module part numbers

Fiber Distribution Module (FDM - model 3101)

Fiber Conversion Module (FCM - model 3102)

Digital Conversion Module (DCM - model 3201)

NOTE: Other modules/functions can be designed based on customer requirements

SPECIFICATIONS

PHYSICAL

Size: 10.0" x 56" x 1.8"

Weight: Less than 1 pound

Model 3073 Pluggable Interface Module

EXTERNAL POWER SUPPLY

100 VAC to 240 VAC (50/60 Hz); 0.3 A

+12 V, 2 A DC

2.5 mm center pin positive

ELECTRICAL

+5V, 7.5W internal power regulation

Power on LED

Three Status LEDs for module

ENVIRONMENTAL

Operating Temp: 0° to 50° C

Relative Humidity: 15% to 95% non-condensing

Altitude: Sea level to 10,000 feet

APPLICATION INFORMATION

The basic 3073-S chassis accommodates a single (3073 Module). Each module can typically support supports multiple input/output signals, either as separate sources or as a "circuit" consisting of data and clock.