

24-Channel Bi-Level Multiplexer Module with Programmable Threshold



Applications

- Flight test instrumentation
- Wideband testing, structural analysis, ...
- Physical research and experimentation

Features

- 24-channels per module
- Programmable input threshold
 - +10V to -10V on a word basis
- Programmable floating input detect
 - "0"/"1" on a word basis
- Overvoltage protection
 - $\pm 35\text{VDC}$ absolute any channel
 - $\pm 17\text{VDC}$ differential any pin
- Microsoft Windows application software included
- Compatible with TTC's miniature data acquisition products

Description

The MBL-124H is a 24-channel plug-in signal conditioning module for use in TTC's miniature, stackable data acquisition products. Operation in the wide-band stack at 20 Mbits/sec. The module is intended for applications that require detection of logic levels, switch status or other "on/off" signal types. Threshold levels are user programmable to accommodate a wide range of inputs. Bi-level data is encoded as two (2) 12-bit data words for transmission in the system data output format.

Revision 05/12/2015

MBLS-124H Datasheet

©2015 Teletronics - A Curtiss-Wright Company
Specifications subject to change without notice.

Approved for Public Release 16-S-0316

Teletronics - A Curtiss-Wright Company
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com



Management
System
AS9100C
ISO 9001:2008