

Single module CAIS Data Acquisition Unit



Applications

- Flight Test Instrumentation
- Missile application
- Research Measurements and experiments

Features

- Single Module CAIS remote unit
- Smallest CAIS remote unit on the market
- Over 150 modules are available for use in this configuration
- User reconfigurable through pluggable conditioning module
- Provides true CAIS distributed conditioning modules
- Best suited for:
 - Limited space
 - Distance between sensors and conditioning circuit must be as short as possible
 - Pressure and temperature scanner conditioner
- CAIS Bus port for communication with the "Master" and daisy-chain CAIS Bus output for connection to downstream remote units
- Has Remote Unit ID strapping provisions (1 of 60, i.e. 6 lines)
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)
- Operates from aircraft 28 VDC supply
- Windows 95/98/NT/2000 software included

Description

The Small CAIS Distributed Acquisition Unit (SCDAU-2000) performs the function of a "Remote CAIS Overhead" with one Plug-In signal-conditioning module available from the MCDAU-2000 product line. This module unit provides the interface with the "master" via the CAIS Bus (command/response bus), and provides the internal data interface for most remote I/O modules. This unit allows the user to place signal conditioning near the sensor, or used when space is at a premium.

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SCDAU-2000 Datasheet

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