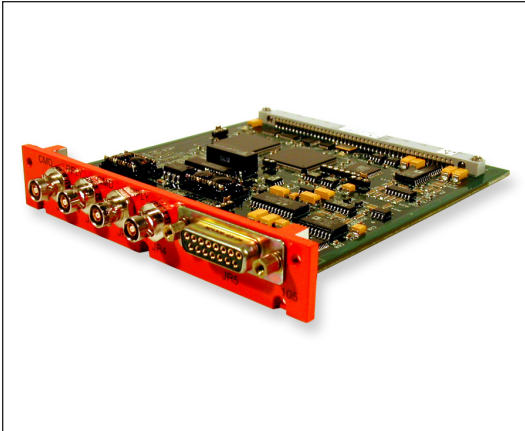


Remote CAIS Overhead Card for the CDAU-2010/12/16/20



Applications

- CAIS applications
- Distributed systems
- Time-tagging data

Features

- Enhanced remote CAIS bus I/O overhead card for use in the CDAU-2010/12/16 (RCI-105E-1) and the CDAU-2020 (RCI-105E-2)
- Operates as the local controller to digital cards and analog signal conditioning cards in the chassis
- Contains a 32Kx16 EEPROM (maps the instructions coming from the master to the remote I/O cards)
- Provides enhanced memory management features
- Provides system status Information
- Accepts preconditioned digital and analog data from various remote I/O cards
- Provides programmable secondary gains and offset for some I/O cards
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)
- Includes an IRIG-B time code reader/generator

Description

The RCI-105E-1 is used for the CDAU-2010/12/16 as the remote I/O controller card. It accepts CAIS commands from a CAIS controller, and replies with data acquired from the I/O cards to the CAIS controller. It allows for CAIS programming, BIT, System Audit, and Simultaneous Sampling. The card includes an IRIG-B AC or DC reader, and IRIG-B DC time generator. The RCI-105E-2 has a slightly different size front panel to allow it to fit in the CDAU-2020. All other specifications are identical.

Revision 05/12/2015

RCI-105E Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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