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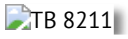
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Related Products

TB 8211 ADC I/P Transition Board

Features

TB 8211


- Inputs for 64 differential analogue signals plus external clocks and triggers
- Provides connection to the 8002 or 8004 carrier board sites
- Four 50-way connectors
- Filtered inputs

On-board DC-DC converter options facilitate powering the plant side of isolated analogue circuits on IP boards

- which are mounted on the carrier board
- Twisted pair differential inputs

Specification

Mechanical:	Standard 6U high VME64X transition board
Operating temp:	0 to 45 deg C ambient
Number of channels:	64
Input/output voltage range:	0 to +5V or -2.5V to +2.5V(8409 IP spec.)
Input filter:	1Kohms in series with each arm // 4n7F.
ADC Isolation:	100V with respect to VME 0V limited by SCSI2 connecting cable
Power:	+5V @ 4A typical if DC-DC converters fitted.

Configuration

The board provides 64 filtered (10kHz nominal cut-off) differential inputs for four IP-ADC boards mounted on a Carrier Board.

Links

Links allow the isolated analogue grounds of each group to be connected to digital (VME) ground.

Excitation

Four 8912 DC-DC converter options supply +/-12V to each front panel connector.

Connectors 1-4

Four 50-way connectors routed to carrier board sites A,B,C and D each provide 16 differential voltage inputs.

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Hytec Electronics have been providing control and data acquisition systems solutions for over 35 years. Our hardware engineers design and manufacture high specification analogue and digital instrumentation for the harshest of industrial and research environments. We build quality designs into modular instruments based on the stringent standards including CAMAC, VME, VME64x, PCI and Industry Packs. Our software engineers implement sophisticated system drivers in all the leading operating systems to support our hardware. Software application engineers consult, design and implement complex control and data acquisition solutions.

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