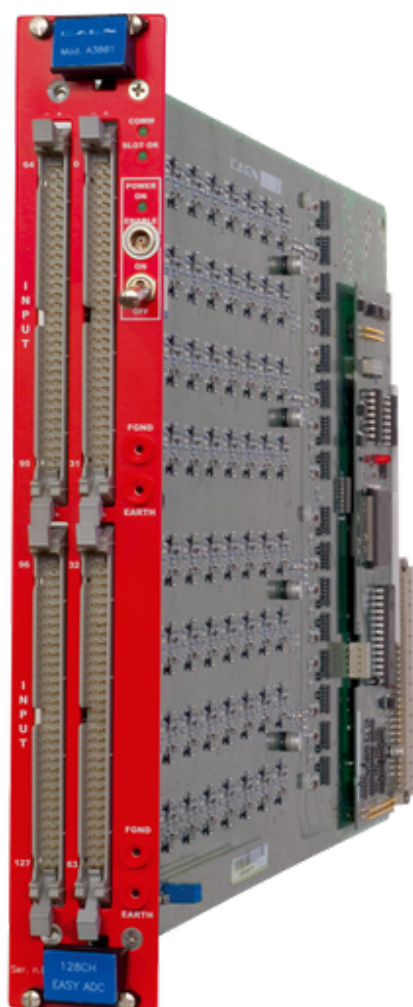
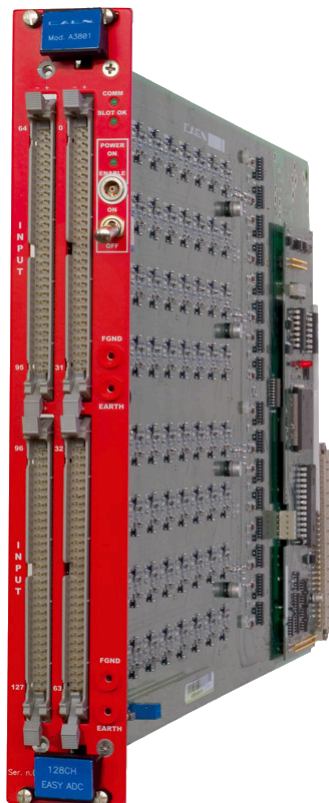


A3801

128 Channel ADC Board



Features



- Magnetic field and radiation tolerant
- 128 input channels (differential)
- 10 V input dynamics
- 15 bit resolution
- 1 kHz max sampling rate
- Flat cable input connectors

Description

The CAEN **Mod. A3801** is a 128 Channel ADC Board implemented in a double width EASY module. The module is developed for operation in magnetic field and radioactive environment and houses 128 input ADC channels on standard flat cable connectors. Once the threshold, which is common to all channels, is set, the module, when receives one over-threshold input, samples 250 values per channel, with a 1 kHz max sampling rate. Input range is 0 ÷ 10 V (differential) and the ADC resolution is 0.2 mV.

Technical Specifications

Input Type	Differential
Full Scale Range	0 ÷ +10 V
Common Mode	±2 V
LSB	200 µV
Integral non linearity	0.1% of FSR
Conversion rate	2 s for all channels
Interchannel isolation	60 dB
Temperature stability	0.5 LSB/°C
Weight	1kg

Ordering Options

Code	Description
WE3801XAAAAA	A3801 - EASY3000 128 Channel ADC Board

Related Products

A3484



3-phase 220/400 Vac. 48 Vdc (1 ch x 2.5 kW) Converter

A3485

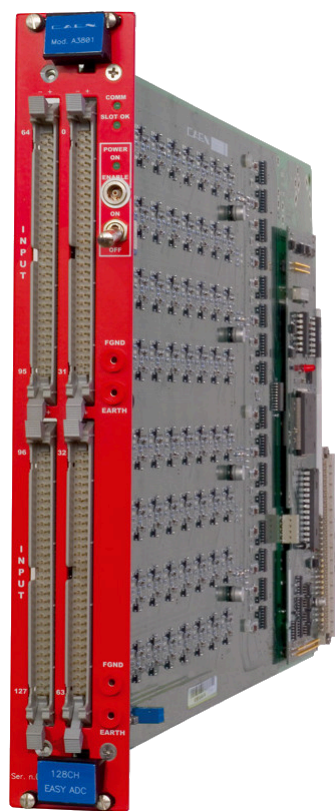


3-phase 400 Vac . 48 Vdc (2 ch x 2.5 kW) Converter

A3801A



128 Channel Temperature Sensor Board



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