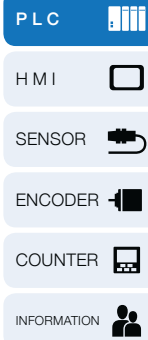


SJ-ETHER/SJ Series

Analog Module


Common
Subject Matter

SJ-ETHER/SJ

DL05/06

DL205

D4

D3

Programmer

KPP

DirectSOFT

Terminator I/O

Features

Specifications

Dimensions

CPU
Specifications

Power Supply
Module

Input/Output
Module

Analog Module

Analog Input Module 《4 Channels》

C0-04AD-2



Input Specifications

Items	Specifications
Inputs per Module	4
Input Range	0 to 10 V
Resolution	13-bit, 1.22 mV/count
Input Type	Single ended (One common)
Maximum Continuous Overload	± 100 V DC
Input Impedance	>150 k Ω
Filter Characteristics	Low pass, -3 dB at 500 Hz
Sample Duration Time	6.25 ms
All Channel Update Rate	25 ms
Open Circuit Detection Time	Zero reading within 100 ms
Accuracy Against Temperature	Maximum ± 75 ppm/ $^{\circ}$ C
Maximum Inaccuracy	0.5% of range (Including temperature changes)
Linearity Error (End-to-end)	± 3 count maximum, monotonic with no missing codes
Input Stability and Repeatability	Maximum ± 2 count
Full Scale Error (Including Offset)	Maximum ± 8 count
Offset Error	Maximum ± 8 count
Maximum Crosstalk at DC, 50/60 Hz	Maximum ± 2 count
Field to Logic Side Isolation	1,800 V AC for 1 sec.
External 24 V DC Power Required	65 mA
Bus Power Required (24 VDC)	23 mA
Terminal Block Replacement	ADC p/n C0-8TB
Weight	82 g

Wiring Diagram

