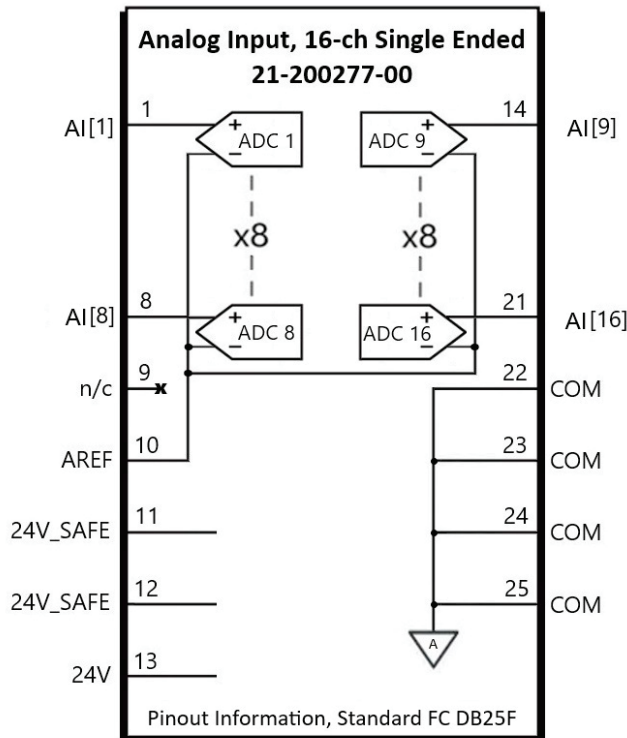


Description

The 16-channel Analog Input slot card provides single-ended, true bipolar inputs with 16-bit resolution and an input range of -10V to +10V. Input channels which are not connected default to 0 volts. A common ground reference pin is provided (AREF).



Specifications	
Electrical	
Slot Card Type	Analog Input
No. of channels	16
Input Range	-10V to +10V
Accuracy (25-50 °C)	+/-2 mV
Input Impedance	370 kΩ
Inter-channel Crosstalk	-85 dB
Sampling Rate	4 kHz
Power consumption	0.4W
Protection	
Over-Range Limits	-15V to +24V
Environmental	
Operating temp	0°C to 55°C
Storage temp	-40°C to 85°C
Relative Humidity, operating	10% to 90%, non-condensing

Pinout Standard Field Connect			
DSUB pin	Function	DSUB pin	Function
1	AI[1]	14	AI[9]
2	AI[2]	15	AI[10]
3	AI[3]	16	AI[11]
4	AI[4]	17	AI[12]
5	AI[5]	18	AI[13]
6	AI[6]	19	AI[14]
7	AI[7]	20	AI[15]
8	AI[8]	21	AI[16]
9	n/c	22	COM
10	AREF	23	COM
11	24V_SAFE	24	COM
12	24V_SAFE	25	COM
13	24V		

