

### Features

- DIN rail mounting (L-75 x W-124 x H-34 mm)
- Max. 20Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnostic
- 8-Ch. Analog input

### Specifications

Serial interface	Half duplex RS-485 with transformer isolation
Cable type	CAT5 UTP/STP Ethernet cable
Surge protection	10KV
Transmission speed	2.5Mbps, 5Mbps, 10Mbps and 20Mbps
I/O isolation voltage	3750Vrms
Effective resolution	16 bits
Input impedance	20MΩ
Input range	Standard ±10V, ±5V, ±2.5V, ±1.25V (106-A180A-01)
Sample rate	Programmable, 1/(1~255)ms; samples/sec.
Fault and over-voltage protection	Up to ±25V
Accuracy	0.1% or better
Zero Drift	±3uV/°C
Span Drift	25ppm/°C
CMR@50/60Hz	92dB
Power input	18VDC to 36VDC
Power consumption	1.5W typical
Working temperature	0 to 60°C

### Terminal Assignment

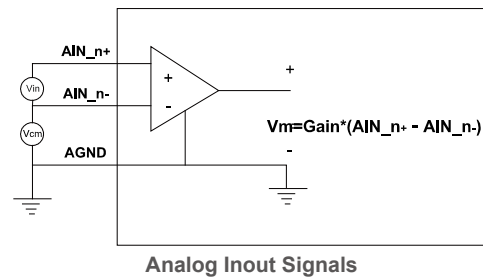
CN4			CN5		
Pin	Signal	Pin	Signal	Pin	Signal
01	AIN_0+	01	AIN_4+	01	AIN_6+
02	AIN_0-	02	AIN_4-	02	AIN_6-
03	AGND	03	AGND	03	AGND
04	AIN_1+	04	AIN_5+	04	AIN_7+
05	AIN_1-	05	AIN_5-	05	AIN_7-
06	AGND	06	AGND	06	AGND
07	AIN_2+	07	AIN_6+	07	AIN_8+
08	AIN_2-	08	AIN_6-	08	AIN_8-
09	AGND	09	AGND	09	AGND
10	AIN_3+	10	AIN_7+	10	AIN_9+
11	AIN_3-	11	AIN_7-	11	AIN_9-
12	AGND	12	AGND	12	AGND

Terminal Definitions (CN4,CN5)

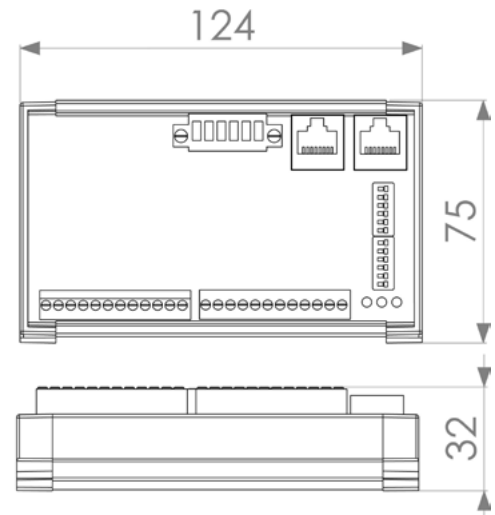
### Ordering Information

106-A180A	8-Ch. Analog input (±10V, ±5V, ±2.5V, ±1.25V)
SCB-1BB-06A/10A /20A/30A/50A/A0A	CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M

### Signal Wiring Diagram



### Dimensions and Drawing



Unit:mm