



SA-ETH Ethernet Interface Card Installation Sheet

Operation

The SA-ETH card provides a standard 10/100 Base-T Ethernet network connection for connecting to a local network. The card can be used for uploading and downloading panel configuration, history, and current status to a PC running the configuration utility or connect to a compatible central monitoring station receiver over a network.

Installation

The Ethernet card is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

Note: The Ethernet card must be configured through programming for proper operation.

To install the Ethernet card:

1. Power down the panel by first disconnecting the batteries, and then disconnecting the main AC power.
2. Locate the card slot on the plastic assembly behind the main circuit board and connector J1 on the main circuit board (at the top-right of the main board).
3. Slide the card into the slot on the plastic assembly as shown in the Figure 1.
4. Attach the card to the plastic assembly using two #6 plastite screws as show in Figure 2.
5. Connect the ribbon cable (P/N 7140189) from the card to connector J1 on the main circuit board. J1 is located on the top-right of the main circuit board.
6. Connect the network cable. See "Wiring."
7. Power up the panel by first connecting the main AC power, and then connecting the batteries.

Figure 1: Installation

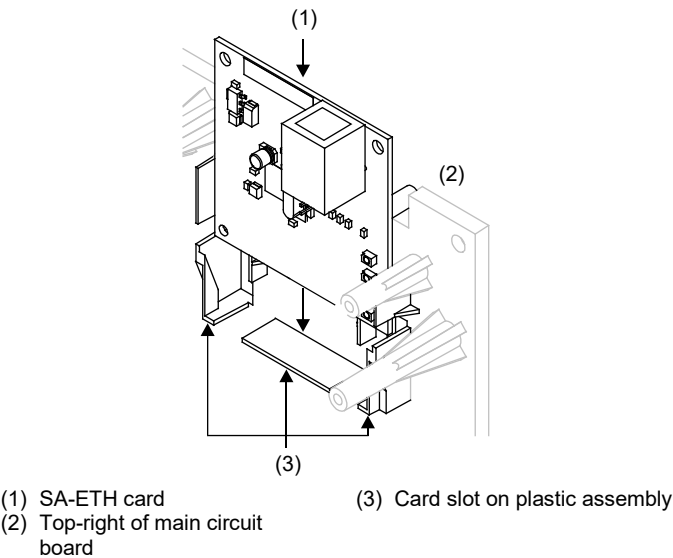
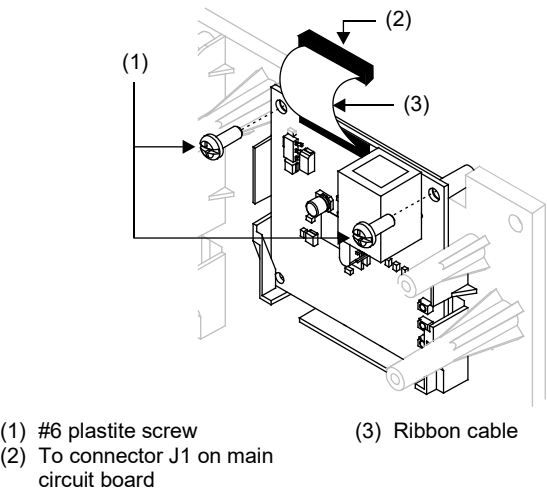


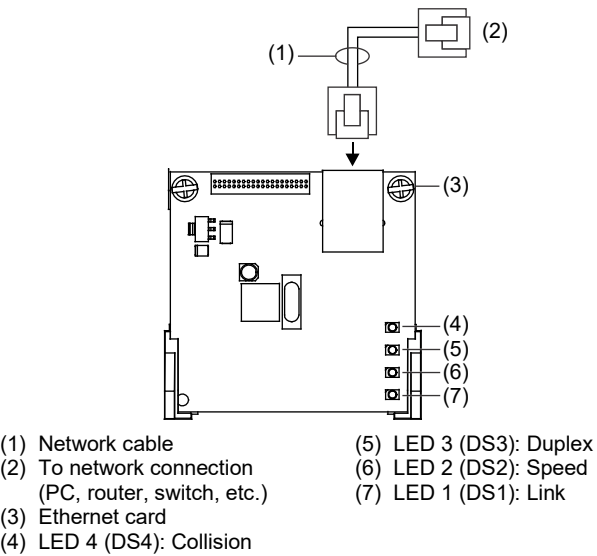
Figure 2: Installation and connections



Wiring

Note: You can use either an RJ-45 patch cable or an RJ-45 crossover cable.

Figure 3: SA-ETH wiring and LED locations



SA-ETH LEDs

There are four LEDs on the card that indicate card and network status. See Figure 3.



Specifications

Ethernet	10/100 Base-T
Connection mode	Auto negotiation
Operating voltage	24 VDC
Operating current	Standby/Alarm: 34 mA Max.: 41 mA
Max. wire runs	200 feet (60 m), Cat 5 cable (panel to communication equipment)
Cat 5 cable connector	RJ-45
IP address (default)	192.168.001.003
Subnet mask (default)	255.255.255.0
Gateway (default)	000.000.000.000
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing at 90°F (32°C)

Regulatory information

FCC compliance	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Environmental class	UL: Indoor dry

Contact information

For contact information, see www.edwardsfiresafety.com.