



**ACM**  
**INSTALLATION INSTRUCTIONS**  
**PART #SD-98-04 REV A**

The information contained in this installation instruction is a quick reference guide. For detailed system information, refer to the Panel Operation manual. This instruction will not address the specific programming or operational procedures.

**GENERAL DESCRIPTION**

This instruction applies to the ACMs (Addressable Communications Modules) that are connected to a proprietary RS-485 network. The ACM allows connection of one or two SLC (Signalling Line Circuit) loops of 126 devices each. It supports either Class B (2-wire, Style 4) or Class A (4-wire, Style 6 or 7) SLC loops. The ACM may be installed either locally (in the Series 3000 cabinet), or remotely (using an RPC (Remote Power Converter)).

**MOUNTING INSTRUCTIONS (LOCAL)**

1. Mount the ACM onto the main Series 3000 board, on top of the existing on-board ACM, using the supplied hardware.
2. Set the DIP switch bits on the ACM.
3. Connect the SLC loops to the ACM.

**MOUNTING INSTRUCTIONS (REMOTE)**

1. Mount the ACM onto an RPC, using the supplied hardware.
2. Set the DIP switch bits on the ACM.
3. Connect the SLC loops to the ACM.

**EXTERNAL CONNECTIONS (H101)**

- Pin 1: SLC Loop #1, B+
- Pin 2: SLC Loop #1, B-
- Pin 3: SLC Loop #1, A+
- Pin 4: SLC Loop #1, A-

**EXTERNAL CONNECTIONS (H102)**

- Pin 1: SLC Loop #2, B+
- Pin 2: SLC Loop #2, B-
- Pin 3: SLC Loop #2, A+
- Pin 4: SLC Loop #2, A-

**DIP SWITCH BIT DEFINITIONS**

Bit 1	Bit 2	Network Address	SLC Loop Numbers
OFF	OFF	64 (ACM #1)	1 & 2
ON	OFF	65 (ACM #2)	3 & 4
OFF	ON	66 (ACM #3)	5 & 6
ON	ON	67 (ACM #4)	7 & 8

Note: The on-board ACM is always ACM #1; therefore, additional ACMs must not use this address – they must be set to address 65, 66, or 67.



