Unified BCM/SFCM Software (Software Versions v1.00 or higher):

On units with software versions 1.00 or higher, the four individual panels may be set up to function as BCMs or SFCMs in any combination. The Panel Type (BCM or SFCM) is set by the values in Registers 860 (for Panel 1), 2860 (for Panel 2), 4860 (for Panel 3), and 6860 (for Panel 4). (See the BCM & SFCM tables below.)

When a module is set up to have different BCM/SFCM panel types, each type must be assigned a unigue Modbus ID. The default settings are as follows:

BCM: Modbus ID 7
SFCM: Modbus ID 8

When the Modbus ID is changed on any of the four panels, all of the other panels of the same type (BCM or SFCM) are automatically set to this same ID. The Modbus IDs are set in Registers 850 (for Panel 1), 2850 (for Panel 2), 4850 (for Panel 3), and 6850 (for Panel 4). (See the BCM & SFCM tables below.)

Non-Unified BCM/SFCM Software (Software Versions below 1.00):

On units with software versions bellow v1.00, all four panels are preprogrammed to be either BCMs or SFCMs, and cannot be changed from one type to another. On these units, the Modbus ID for the entire unit (all 4 panels) is set in Register 850.

The BCM/SFCM system registers shown below in Table 6.0.4 pertain to all four panels on the BCM/SFCM. For example, Register 853 contains the baud rate setting for all four panels of the unit.

Table 6.0.4: BCM/SFCM System Registers

Reg.	Description	Type	Supported Settings
851	Software Version (Major)	R	N/A
852	Software Version (Minor)	R	N/A
853	Baud Rate (RS-485 port)	R/W	0 = 9600 1 = 19200 2 = 57600 3 = 115200
859	Latched Alarms/Warning Option	R/W	0 = Unlatched 1 = Latched

The starting addresses for the four BCM/SFCM panels are shown below in table 6.0.5. The use of the Address Offset values in this table is explained in the following sections.

Table 6.0.5: BCM/SFCM Panel Addresses

Panel Number	Starting Address	Address Offset
1	0001	0000
2	2001	2000
3	4001	4000
4	6001	6000