Block Configuration

The configurable features of a 115VAC/125VDC 8 Circuit Isolated Block are listed below. For many, the factory setting may not need to be changed.

Feature	Circuit or Block	Factory Setting	Selections
Device Number*	Block	null	0 to 31 (a number must be selected)
Reference Address*	Block	none	Depends on host CPU type
Block I/O Type*	Block	input	input, output, combination
Baud Rate*	Block	153.6 std	153.6 std, 153.6 ext, 76.8, 38.4 Kbd
AC/DC Circuit Voltage	Block	AC, DC	AC
Pulse Test for Outputs	Block	enabled	enabled, disabled
Input Filter Time	Block	20mSec	10–100mSec in 10mS steps
Circuit I/O Type	Circuit	input	input, output, tristate input
Report Faults	Circuit	yes	yes, no
Hold Last State	Circuit	no	yes, no
Output Default State	Circuit	off	on, off
Report No Load	Circuit	yes	yes, no
Overload Shutdown	Circuit	yes	yes, no
BSM Present	Block	no	yes, no
BSM Controller	Block	no	yes, no
Output Default Time	Block	3 bus scans	(for bus redundancy) 2.5 sec or 10 sec
Redundancy Mode	Block	none	none, hot standby, duplex
Duplex Default State	Block	off	on, off
Configuration Protection	Block	disabled	enabled, disabled

Features with an asterisk in the table are configured from the Program Block ID screen of the Hand–held Monitor, as explained in chapter 3.

The rest of the features can be configured either using a Hand–held Monitor, or by sending a Write Configuration datagram to the block from the host.

Instructions for configuring these features using a Hand–held Monitor are given on the following pages.

Before configuration begins, the blocks features should be decided on and recorded on copies of the Configuration Worksheet printed on the next page.