
SELECTIONIX, INC.
WOODINVILLE, WA

SUPERSTEP SERIES 4000
SEQUENCING STEP
CONTROLLERS

SLC4000 TECH NOTE 08

BUILDING MANAGEMENT INTERFACE

EXPANSION RELAYS

1 Introduction

This addendum describes a new feature for the **SLC4000-8** controller which adds 8 relays for general purpose control by our Building Management Interface.

2 Relay Control Source

The source for operating the relays is from a programmable choice of:

- 1) BMI Expansion Input, SLC4080
- 2) A combination of BMI Expansion inputs and various internally detected faults
 - a. Relay 1 through Relay 4: BMI input operates
 - b. Relay 5: PGW Fault
 - c. Relay 6: TSGW Fault
 - d. Relay 7: SLC4000 Fault
 - e. Relay 8: Reserved Fault
- 3) A combination of BMI Expansion inputs and Building Management System control
 - a. Relay 1 through Relay 4: BMI input operates
 - b. Relay 5 through Relay 8: BMS control
- 4) All relays are under Building Management System control

Use' is 6 or less. The AnyOn Alternate function for relay #8 is also enabled. This output could be used to signal a Building Automation System, or to drive any external indicator or alarm.

3 SW1 Setting

To enable the Expansion Relay operation:

SW1-1	SW1-2	SW1-3	SW1-4	SW1-5	SW1-6	SW1-7	SW1-8
Off	On	Off	Off	On	Off	On	On

- *The 'On' position is set when the rocker switch is pressed down closest to the center of the board.*