

**SELECTRONIX, INC.**  
**16419 199th Court Northeast**  
**Woodinville, Washington 98077-5401**  
**selectronix.us**  
**(425) 788-2979**

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SLC4000TechNote19\_AnyOnStatus.docx  
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## **Tech Note 18 AnyOn Status from SLC4000-8**

### **Purpose:**

This tech note describes how to monitor the SLC4000-8 or any of the derivatives for active relay status.

### **Details:**

1. Configure Relay #8 of the master SLC4000-8 as an Alternate Relay by setting the quantity of In-Service relays to 7 or less.
  - a. DIP switches SW2-6 through SW2-8 set the quantity of Relays In-Service
  - b. *Relay #8 is activated whenever at least 1 relay is ON in the entire SLC4000 string, including all expansion units.***
  - c. If all 8 relays were formerly in-use, add an SLC4000-4 and an SLC4020-x cascading cable to the SLC4000 string to retain the same total number of relays. The maximum number of expansion units is 3.
    - i. Set the new expansion unit to the applicable address using SW1-7 and SW1-8.
    - ii. Set the SLC4000 expansion unit to set its Relays In-Service to 1 to retain the same number of total system relays.
    - iii. Move the contactor connected to the former relay #8 to the new expansion unit #1 relay.
    - iv. Note that if the former system string of SLC4000s has an unused relay, then increase the Relays In-Service on this expansion unit by one. This enables the master unit's Relays In-Service to be changed to 7.
2. For more information on the Alternate Relays, see SLC4000TechNote02\_AltFuncRlys.pdf available on selectronix.us in the Support section.

**Questions? Email [techsupport@selectronix.us](mailto:techsupport@selectronix.us) or call us at (425) 788-2979.**