

SI-16

16 Input Sub-Controller



Overview

The SI-16 is a sixteen input sub-controller that is used for sensor monitoring and output control.

Product Highlights

- Communicates to the Controller on an industry standard 2-wire RS-485 communication port.
- Sixteen Supervised/Unsupervised Input Connections.
- Two (2) Form 'C' 5A 28Vdc, Resistive Relay Outputs.
- Software programmable normally open/closed/supervision.
- Automated, Timed and Operator based Masking Functions.
- Global event (I/O) linkage (through the SCP/HOST).
- Two (2) Unsupervised Inputs for Cabinet Tamper and Power Fail Monitoring.
- Pop-Off Wiring Terminals.
- LED indication of relay state.
- Operation with 12 to 24Vdc.

Status LEDs

LED Status after Successful Initialization

A LED: Heartbeat and On-Line Status
 Off-line: 1 second rate, 20% ON
 On-line: 1 second rate, 80% ON

Input in the inactive state
 Input in the active state
 Input in a fault state

OFF (briefly flashes ON every 3 seconds)
ON (briefly flashes OFF every 3 seconds)
Rapid Flash

B LED: Sub-Controller Communication Port
 Status Indicates communication activity on the sub-controller communication port

LED 1-16: Input Status: 1-16

CT: Cabinet Tamper

BA: Power Fault

LED K1 and K2 Illuminates when output relay RLY 1 (K1) or RLY 2 (K2) is energized.