

SO-16 16 Output Sub-Controller



Overview

The SO-16 is a sixteen output sub-controller that provides relay output control.

Product Highlights

- Communicates to the Controller on an industry standard 2-wire RS-485 communication port.
- Sixteen Form 'C' 5A 28Vdc, Resistive Relay Outputs.
- Programmable "fail secure" or "fail safe" modes.
- Automated, Timed and Operator based Control Functions.
- Global event (I/O) linkage (through the SCP/HOST).
- Two 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

OFF (briefly flashes ON every 3 seconds)

ON (briefly flashes OFF every 3 seconds)

B LED: Sub-Controller Communication Port Status

Indicates communication activity on the sub-controller communication port

CT: Cabinet Tamper

BA: Power Fault

LED 1 through 16 Illuminates when output relay OUT 1 (K1) through OUT 16 (K16) is energized.