



SEC 4855 Relay Module

Features

- Provides relay contacts at local or remote locations
- Used in conjunction with Supervision Plus Software
- Is wired in series with the SEC RS-485 data highway and 24 VDC power
- Any number of SEC 4855's can be connected to a single system
- Relays can be programmed for global, individual point, fault or zone alarm conditions
- Each relay is programmed for independent operation
- Explosion proof or non-explosion proof models available

Operation

The SEC 4855 Relay Module is used with SEC Supervision Plus software to provide relay contacts at local or remote locations. Each SEC 4855 Relay Module is assigned a unique identification number, allowing multiple modules to be connected anywhere on the SEC network. SEC Supervision Plus continuously polls and updates the SEC 4855 Relay Modules.

Each SEC 4855 Relay Module consists of one Control Board and either 1 or 2 Relay Boards depending on model selected. The Control Board has 2 LED's, one for Power and the other for Data Transmission. The Control Board communicates with the SEC Supervision Plus software, activating the relays when the alarm conditions are present. The Relay Board consists of 8 relays, 8 LED's and the terminals for the field wiring connections.

The individual relay coils can be programmed (using SEC Supervision Plus) for normally energized or normally de-energized operation. The relays can be manually controlled or deactivated by SEC Supervision Plus. Programmable time delay and latching/non-latching features are also standard with the SEC 4855 Relay Module.

The Control Board and the Relay Boards are connected together in an anodized aluminum bracket. The units are suitable for mounting directly to an electrical enclosure panel, or can be purchased already mounted in various types of enclosures.

Specifications

Part Number and Model Number

142-0155 - SEC 4855-8 with no enclosure
 142-0156 - SEC 4855-16 with no enclosure
 142-0199 - SEC 4855-8N with NEMA 4 enclosure
 142-0200 - SEC 4855-16N with NEMA 4 enclosure
 142-0201 - SEC 4855-8EX with explosion proof enclosure
 Class 1, Div. 1, Groups B,C & D

Input Power
 10-30 VDC

Relay Contacts

SPDT: 8 Amps @ 250 VAC
 8 Amps @ 30 VDC

Output (digital)
 RS-485 LAN

Weight
 Approximately 6 lbs. (2.7 Kg)

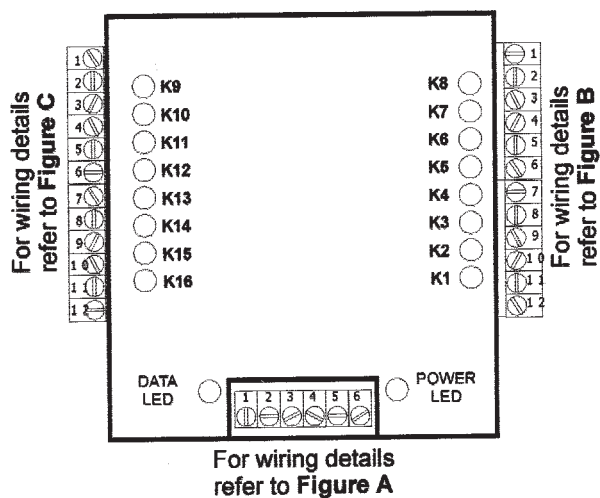
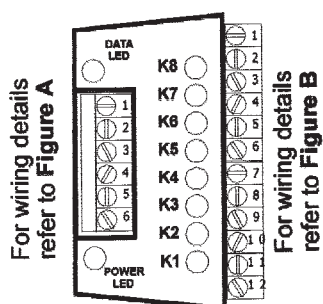


Figure A

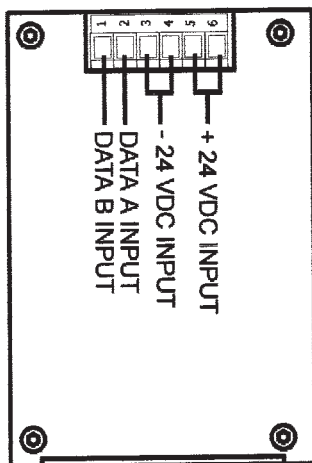


Figure B

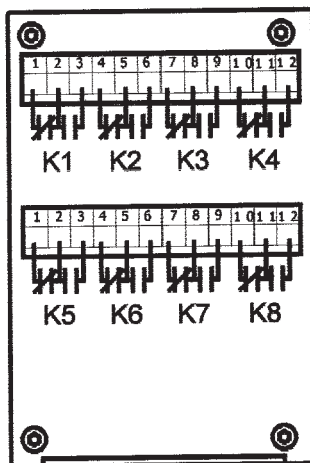
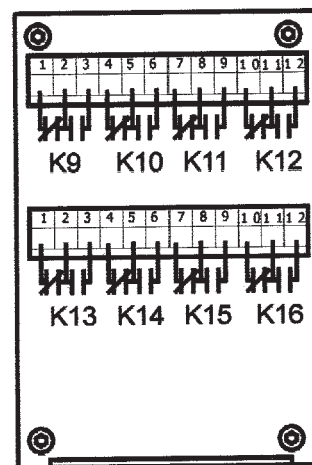


Figure C



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