

16 Fully Programmable Relay Outputs



Product Description

The 16 Relay Output Card is a field upgradeable plug-in option for both the TMS Series Tank Management Systems and LC2000 Series Leak and Point Level Alarm Console that provides sixteen (16) 1 Form A relay contact outputs. All I/O channels are uncommitted and fully programmable via the console front panel* or any of the available communications interfaces. Each relay output is programmable to trigger on any combination of events, including in-tank leak**, theft*, product or water setpoints*, leak or point level sensor alarm, contact closure input or system error. Additionally, relays are individually programmable for failsafe mode; delayed shutoff mode and a latching mode for pump up/down functions. Typical relay applications include remote annunciation, pump and siphon break/flow control valve operation, and other user-defined switch closure inputs. These relays provide a simple and straightforward interface to most programmable logic controllers, building management systems, and similar input monitoring devices. All relay output connections are provided via plug-in terminal blocks for ease of wiring and board replacement.

Applications

- Remote Annunciators: Overfill, High, Low, Leak
- Pump Up/Down using latching relay mode
- Siphon Break/Flow Control Valves
- BMS/PLC Interface

Specifications

- Output Type: Relay, Dry Contact, Programmable, UL/CSA listed
- Relay Contacts: 1 Form A, Rated: 5 A @120 VAC; 5 A @240 VAC
- Maximum Wire Gauge: 18 AWG
- Output Triggers:
 - Site-specific alarms: Theft*, System Errors, System Power Failure
 - Tank Alarms: In-tank Leak**, Product and Water Setpoints*
 - Leak/Point Level Sensor Alarms
 - Contact Closure Inputs (From other relay I/O board)
 - Note: Each trigger event can control up to three (3) separate relays
- Output Modes: Failsafe, Latching, Delayed Shutoff, Front Panel Acknowledge
- System Requirements: One (1) Non-hazardous I/O Expansion Slot

Model Numbers

- 900519-1 for TMS3000
- 900520-1 for TMS2000, TMS2000W, TMS2000A1, TMS2000A2, LC2000, TX1064-1

* TMS Series Only

** TMS2000/3000 Only

Note: Specifications subject to change w/o notice. 04-01-2015