

16 Fully Programmable Relay Outputs



Product Description

The TMS series 16 Relay Output Card is a field upgradeable plug-in option for both the TMS2000 and TMS3000 Tank Management Systems 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 5A @120, 5A @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)
- Output Modes: Note: Each trigger event can control up to three (3) separate relays
Failsafe, Latching, Delayed Shutoff, Front Panel Acknowledge
- System Requirements: One (1) Non-hazardous I/O Expansion Slot

Model Numbers

- 900519-1 for TMS 3000
- 900520-1 for TMS 2000

Note: Specifications subject to change w/o notice. 6-28-2004