



1. Overview

The Series 88 product provides supervised contact inputs. A 1k ohm resistor is installed near the remote contact closure. This provides the supervision. Directly shorting or opening the line at (or near) the transmitter terminal block will result in transmission of the alarm state to the output contact.

The contact output relay (dry contact) has both “normally closed” and “normally open” contacts available.

2. Detail

Contact Input MT-88		Contact Output States MR-88				
Remote Contact Closure (Normal State)	Remote 1k ohm resistor location	Contact Output	Contact Input Closed	Contact Input Open	Optical Link (loss of optical power)	Optical Link (loss of dc power to either optical Tx or Rx)
Closed	Series with Contact In	Normally Closed Uses Normally Open Relay Output	Closed (normal state)	Open (alarm state)	Open (alarm state)	Open (alarm state)
Open	Parallel with Contact In	Normally Open Uses Normally Closed Relay Output	Closed (alarm state)	Open (normal state)	Closed (alarm state)	Closed (alarm state)



AFI's Series 88 Supervised Contact Operation

