

## 2.6 Control and Alarm Relay Contact Information

### Control relays

Table 2-7 lists the Control Relay contact information.

**ATTENTION** Control relays operate in the standard control mode; i.e., energized when output state is on.

Table 2-7 Control Relay Contact Information

Unit Power	Control Relay Wiring	Control Relay Contact	#1 or #2 Output Indicator Status
Off	N.O.	Open	Off
	N.C.	Closed	
On	N.O.	Open Closed	Off On
	N.C.	Closed Open	Off On

### Alarm relays

Table 2-8 lists the Alarm Relay contact information.

**ATTENTION** Alarm relays are designed to operate in a failsafe mode; i.e., **de-energized during alarm state**. This results in alarm actuation when power is OFF or when initially applied, until the unit completes self diagnostics. If the unit loses power, the alarms will function.

Table 2-8 Alarm Relay Contact Information

Unit Power	Alarm Relay Wiring	Variable NOT in Alarm State		Variable in Alarm State	
		Relay Contact	Indicators	Relay Contact	Indicators
Off	N.O.	Open	Off	Open	Off
	N.C.	Closed		Closed	
On	N.O.	Closed	Off	Open	On
	N.C.	Open		Closed	