

800 System

MODULAR SPECIAL HAZARD SAFETY CONTROLS

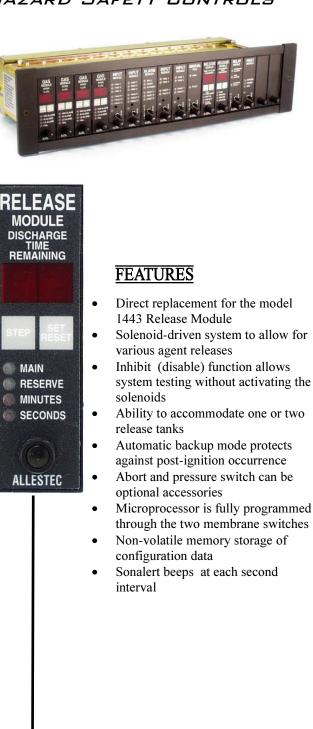
he Allestec model 1443D Release Module can accommodate a single or dual release application system. Conditions can be programmed to allow the reserve tank to extinguish if the main tank should fail or if the fire remains after the main tank discharges. Two independent time delays can be programmed into the module to control each discharge tank. Each solenoid circuit is rated at 24 VDC, 4 amps.

The module can be located into an inhibit mode so the system can be tested without activating the solenoids. Other features include the ability to program an abort switch to add 30 seconds to the existing module timing sequence or activate a solenoid on the release of the abort button.

Faults that are transmitted to the Fault Module include open solenoid circuit coil(s), open pressure line switch or open abort switch line.

An auxiliary relay is activated at the time of the main tank activation. This relay is a SPDT contact, selectable with a 5 amp rating.

REPRESENTED BY:





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SPECIFICATIONS

ELECTRICAL

ELECTRICAL	
Approved operating voltage:	20 - 28 VDC redundant power sources
Operating current:	70mA quiescent, 107mA alarm; no load
Release solenoids:	Two independent circuits source 24 VDC, 4 amps each
Auxiliary discharge relay:	Dry contact changes state on the first (main) release SPDT relay rated 5 amps, 30 VDC resistive, 250 VAC
RELEASE	
Timed release:	Two independent adjustable digital timers: Main time is: .1 to 9.9 minutes, Reserve time is: .2 to 9.9 minutes
OTHER FUNCTIONS	
Abort output: (delayed or on abort release)	24 VDC output during time countdown
Clock sync output:	1 Hz, 24 VDC during time countdown
External reset:	Open TB1-6 terminal from negative will reset timing sequence; input normally grounded
MECHANICAL	
Size:	1.04"W X 3.46"H X 6.4"D
Weight:	4.0 ounces
ENVIRONMENT	
Ambient operating temperature:	0 degrees F to 150 degrees F, -17 degrees C to 65 degrees C, 90% humidity non-condensing
Packaging and exposure:	NEMA 1

