



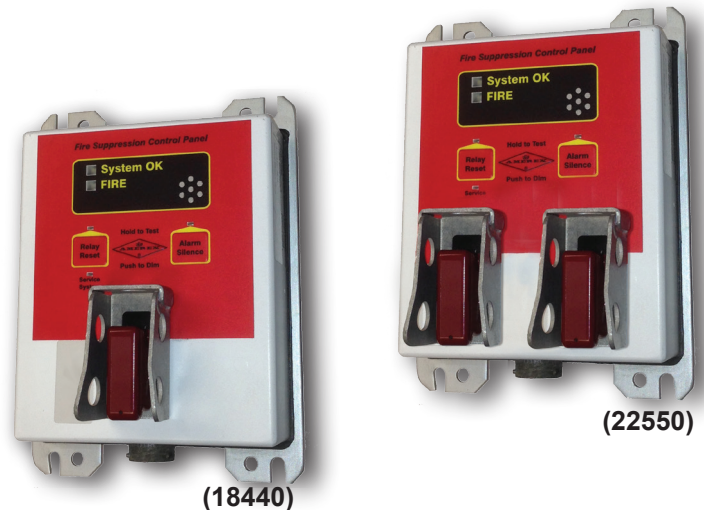
Amerex Defense

PO Box 81 Trussville AL 35173-0081
PH (205)655-5703 • FAX (205)661-4111
defensesales@amerex-defense.com



1 & 2 Zone Control Panels for Military and Commercial Heavy Duty Vehicles (PN 18440 & 22550)

The Amerex Single and Dual Zone Modular Control Panels are designed specifically for rugged military and commercial heavy duty ground vehicle use. A lightweight Aluminum enclosure surrounds military qualified electronic components. Each Control Panel provides electrical supervision of Power, Fire Detection, Actuation and Individual Releasing circuits. Individual release circuits may be actuated via manual toggle switch or automatically via automatic heat detection circuits (optional). Each release circuit may be used along with a multiple actuation adapters to simultaneously activate various extinguishing systems. Each Control Panel features visual LED system status indicators and 1 or 2 guarded manual release toggle switches.



Main Features & Benefits

- Rugged Aluminum Enclosure
- Tactile Feel Control Switch(es)
- Push to Test Visual Verification
- Wide Viewing Angle LED's
- Supervises All Connected Electrical Circuits
- Vibration Resistant Detection Circuit
- Spot Thermal & Linear Heat Detection Compatible
- Diagnostic Flash Codes Identify Trouble Condition
- 15-30 VDC Operating Voltage
- Provides up to 24HR Fire Suppression Capability
- Low Power Consumption
- Easy Installation & Maintenance
- Tested for Demanding Military Use
MIL-STD 810G, 461F, 704F & 1275D

Mechanical Specifications	
HEIGHT (IN.)	7.5
WIDTH (IN.)	5.5
DEPTH (IN.)	3
WEIGHT (LB.)	1.68
MOUNTING PATTERN	4x 0.27Ø HOLES @ 6.85H x 3.5W 4x 0.27Ø SLOTS @ 6.85H x 4.5W
ENCLOSURE	ALUMINUM
COATING	WHITE ENAMEL
OPERATING TEMPERATURE	-65°F(-53°C) TO 160°F(71°C)
ENVIRONMENTAL	TESTED TO MIL-STD-810G
SYSTEM TEST BUTTON	Located Behind The Diamond (Amerex Logo)

Electrical Specifications	18440	22550
OPERATING VOLTAGE	15-30 VDC	11-30 VDC
POWER REQUIREMENTS	Standby: 15mA @ 28VDC Charging: 145mA @ 28VDC Alarm: 40mA @ 28VDC	
SUPERVISED CIRCUITS	Vehicle Power (1) Actuation per Zone (1) Detection per Zone (1) Manual Release per Zone Battery Charging Circuit	
DETECTION	Class B 2-wire N.O. w/22 kohm EOL	
BATTERY TYPE	NiMH	
BATTERY CHARGE LIFE	Up to 24 Hrs	
BATTERY USEFUL LIFE	3 years from Manufacture	
BATTERY REPLACEMENT	PN 19682	