

ALARM MODULE



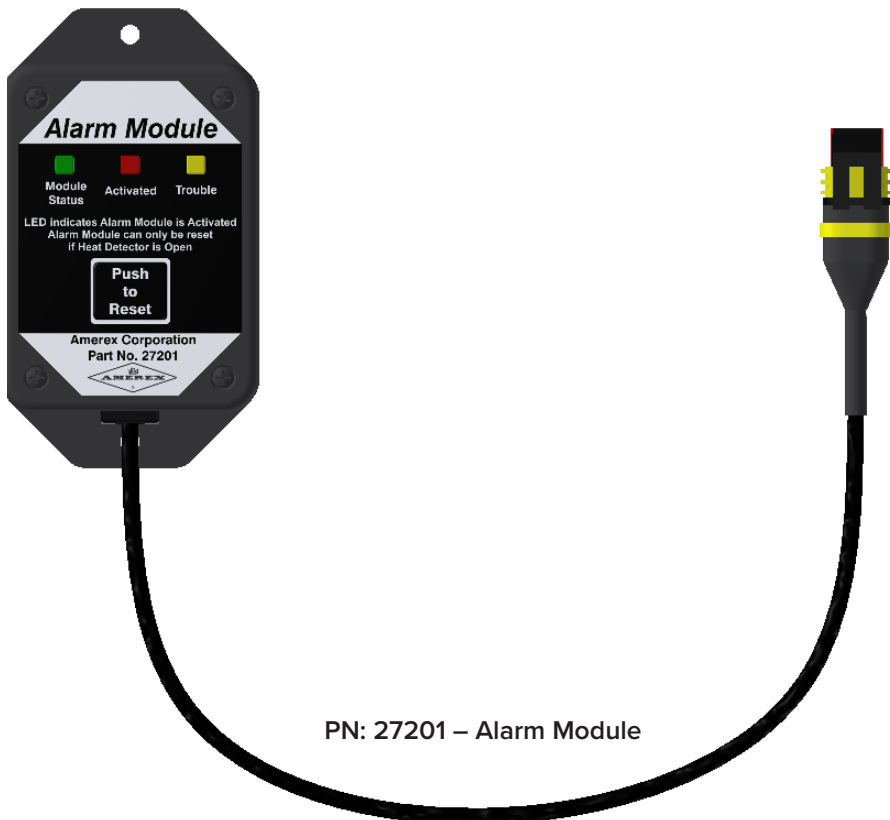
The **Amerex Alarm Module** provides a field service technician the ability to load test fire control panel actuation circuits using a resettable, battery powered device. During testing or trouble shooting, the Alarm Module is installed in the actuation circuit and simulates the normal and fired operation of an actuation device without the danger of false discharge. The module is powered up via an internal lithium AA sized battery only when connected to a control panel and goes into sleep mode when disconnected. A flashing green LED on the face of the module and a corresponding green System OK LED at the control panel indicates normal system operation. By testing the Fire detection circuit, the Alarm Module will indicate a Red LED corresponding with an Alarm condition on the control panel. This indicates the Alarm Module has activated due to an accurate voltage and current load at the actuator. If the Alarm Module yellow Fault LED is on, this indicates a low voltage or low current load which may not properly actuate the fire system. If the Alarm Module remains installed for 15 minutes with no activity, it will revert to a Fault condition. The Fault condition is displayed at the module and at the system control panel. This feature prevents the Alarm Module from accidentally being left in the place of the fire system actuator.

FEATURES:

- Rugged Field Proven ABS Enclosure
- Extremely Low Power Consumption
- Sleep mode when not connected
- Six-foot cable with Amp connector
- Internal, replaceable 1.5 VDC - AA Lithium Battery
- Compact size fits in tool/service bag

BENEFITS:

- Provides a resettable means of field testing actuation circuits
- Provides means for initial system testing/certification/commissioning
- Easy to use installation and Maintenance
- Simulates actual load on discharge circuit
- Indicates System Normal operation
- Indicates Alarm or Trouble condition
- If left installed, will indicate a Trouble condition at the Alarm Module and Control Panel



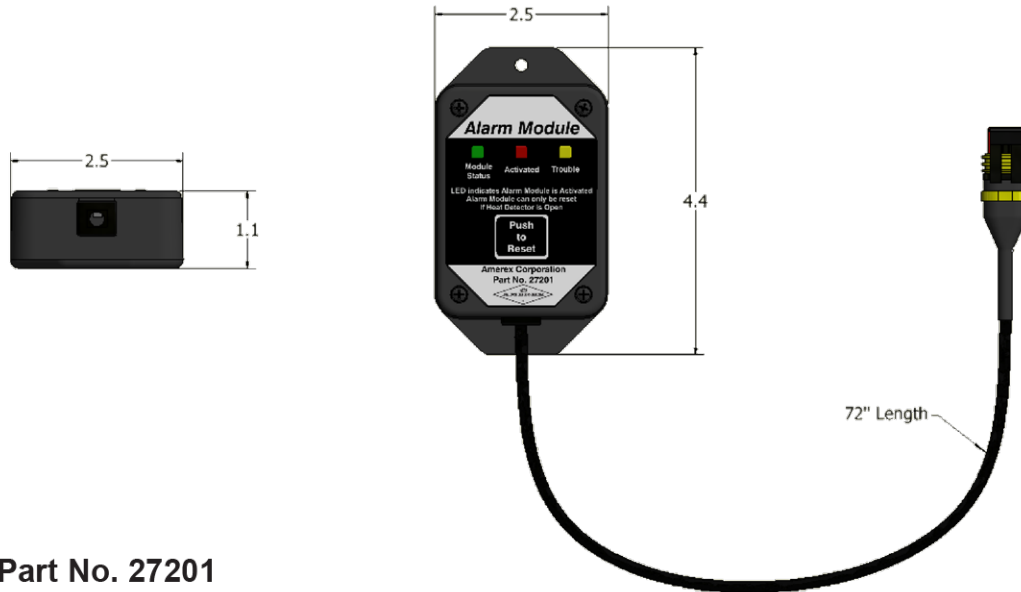
PN: 27201 – Alarm Module

ALARM MODULE

page 2



Alarm Module Dimensional Data



Part No. 27201

ELECTRICAL SPECIFICATIONS	
Actuation Input Voltage <i>(from control panel)</i>	3.6 – 28 VDC
Actuation Response Time	30 ms
Series Resistance	Approx 3.2 ohms
Polarized connector	Pin 1 (+), Pin 2 (-)

MECHANICAL SPECIFICATIONS	
Dimensional	4.4" L x 2.5" W x 1.1" H (112 mm x 64 mm x 28 mm)
Weight	5.3 oz. (150 g)

Front Panel Controls	
Push to Reset Button	

Refer to current regulatory body rulings and MSDS sheet regarding transporting products containing Lithium batteries.

ENVIRONMENTAL SPECIFICATIONS	
Temperature	-40° F to +140° F (-40° C to +60° C)
Storage Temperature	-40° F to +140° F (-40° C to +60° C)
Shelf Life	10 years @ 21° C

Front Panel LED Indicators	
System Normal	Green LED – Flashing
Alarm/Actuated Condition	Red LED – Steady On
Fault	Yellow LED – Flashing

Battery Information	
Internal Battery	AA L91 Ultimate, ANSI 15-LF, IEC-FR14505 (FR6)
Battery Chemistry	Lithium Iron Disulfide
<i>Battery life is dependent on amount and duration of usage. If left in circuit, battery life is approximately 3 weeks of continuous use.</i>	

July 2020

7595 Gadsden Hwy.
P.O. Box 81
Trussville, AL 35173

tech.services@amerex-fire.com
customer.service@amerex-fire.com
intl.sales@amerex-fire.com

+1 205.655.3271
www.amerex-fire.com
webstore.amerex-fire.com

Quality is Behind the Diamond®