

FTA200-F Remote Alarm Panels for Diesel Engine Fire Pump Controllers

Product Description



Description—Firetrol® FTA200 alarm panels are designed to meet the NPFA 20 specifications requiring a remote alarm panel when the pump house or pump room is not constantly attended. The alarm panel must be installed in a location that is under supervision at all times.

Approvals—These alarm panels are listed by Underwriter’s Laboratories, Inc., in accordance with UL508, *Standard for Industrial Controls*, certified by CSA, *Standard for Industrial Control Equipment (cUL)* and approved by Factory Mutual. They are designed to meet or exceed the requirements of the approving authorities listed above as well as NFPA 20, *Installation of Centrifugal Fire Pumps*.

Standard Features—The following are included as standard with each controller:

Type F - Type F panels provide alarm indication for the following conditions:

- Supervisory Voltage Normal (Visible Only)
- Engine Trouble (Audible and Visible)
- Engine Running (Audible and Visible)
- Main Switch Mis-Set (Audible and Visible)

Construction - FTA200 alarm panels make use of printed circuit boards which provide reliable and trouble free service. The enclosures are NEMA Type 2 (IEC IP22) drip-proof for indoor wall mounting. The standard enclosure color is red.

Mounted on the enclosure door are the pilot lights for visible alarm indication, the audible device for audible alarm indication, the SILENCE ALARM pushbutton and the PUSH-TO-TEST pushbutton.

Each pilot light will illuminate to indicate its alarm condition and will remain lighted until the abnormal condition has been corrected. The audible alarm will sound when the alarm conditions occur and will continue to sound until the abnormal condition has been corrected or the SILENCE ALARM pushbutton has been pressed. Pressing the SILENCE ALARM pushbutton will silence the audible alarm but will not extinguish the pilot light. If another alarm condition occurs the audible alarm will again sound until silenced by the SILENCE ALARM pushbutton or until the abnormal condition has been corrected.

The PUSH-TO-TEST pushbutton is supplied for manually testing the pilot lights, audible alarm and output circuits.

Modifications—The following are available as modifications to the controllers:

Special Enclosures

- F NEMA Type 4X, 304 stainless (IEC IP66)
- Y NEMA Type 1 (IEC IP10) Flush Mount, Painted Steel

Consult Factory for other style enclosures.

Additional Alarm Functions

Each Additional alarm function ordered will include a control relay and pilot light and will provide audible and visible alarm. There is no limit as to the number of additional alarm functions that can be supplied, however, enclosure size and weight may be affected. Consult the Factory for dimensions and shipping weights when ordering more than 2 additional alarms.

Standard remote alarms may be ordered by using the Suffix Letters indicated for the corresponding alarm function on the Diesel Engine Fire Pump Controller. Alarm functions must exist in the controller to be ordered as remote alarms.

Standard Remote Alarms

- AU Low Fuel Level
- AV Low Pump Room Temperature
- AW Reservoir Low

- AY Low Suction Pressure
- AJ Engine Overspeed
- AK Low Oil Pressure
- AL High Water Temperature
- AM Engine Failed To Start
- AN Battery/Charger Failure
- AP Main Switch In Manual
- AR Main Switch In Off
- AS Main Switch In Auto
- LC High Fuel Level
- LE Fuel Spill
- EG Relief Valve Discharge
- EJ Flow Meter On

Non-Standard Remote Alarms

- BT When ordering, specify the number of alarms required, the function of each and the nameplate marking of each.

Substitute Amber for Red Pilot Lights

- LA To meet local code requirements.

Operation on 220-240 Volts

- BA Panel is supplied as standard for operation on 110-120 volts.

“Pump Start” Pushbutton

- BS Mounted on enclosure door.

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