



PROJECT: _____

CUSTOMER: _____

ENGINEER: _____

PUMP MANUFACTURER: _____

MODEL: APDD

REMOTE DUAL ALARM PANEL FOR DIESEL ENGINE DRIVEN FIRE PUMPS

DRAWING SUBMITTAL PACKAGE

CONTENTS:

- **BROCHURE**
- **DIMENSIONAL DATA**
- **WIRING SCHEMATICS**
- **FIELD CONNECTIONS**

NOTE: The drawings included in this package are for controllers covered under our standard offering. Actual AS BUILT drawings may differ from what is shown in this package.





APx

SERIES



APX

APX

Remote Alarm Panels For Fire Pump Applications



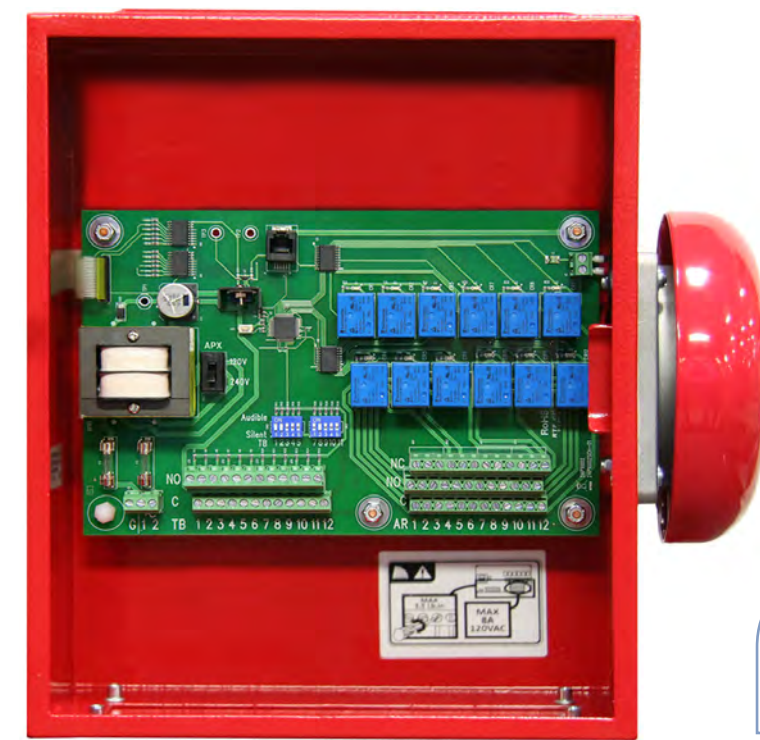
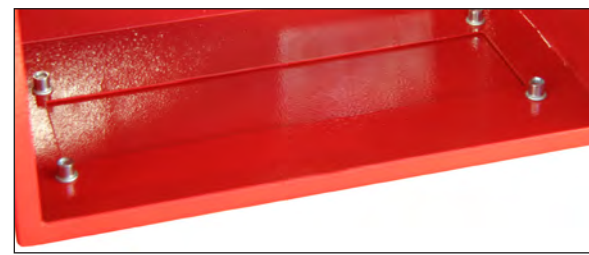
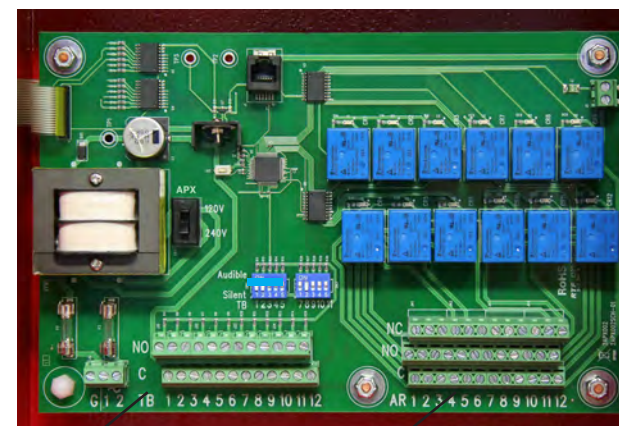
APx SERIES

Remote Alarm Panels For Fire Pump Applications

The Tornatech APx Series remote alarm panels are installed to provide annunciation of alarm conditions monitored at the fire pump controller. The NFPA20 standard requires that the annunciation of these alarm conditions be monitored at a point of constant attendance if the pump room is not constantly attended.

STANDARD FEATURES:

- NEMA 1 enclosure
- Bottom entry gland plate
- LED type visual indication
- Quantity 12 N.O inputs (Max. 8A - 120V.AC)
- Quantity 12 N.O or N.C outputs (SPST - Max. 8A - 120V.AC)
- 4" Alarm bell
- Silence pushbutton
- Lamp test pushbutton

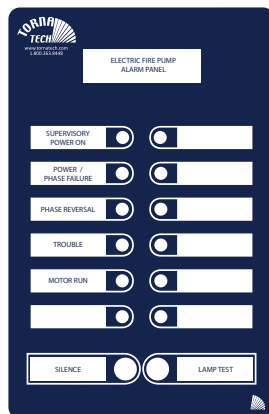


SERIES

APx

Model APE

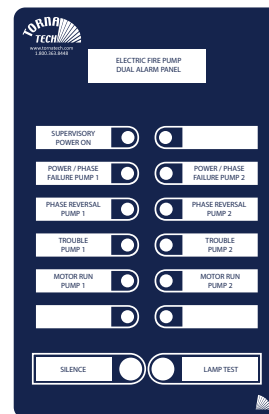
For monitoring of a single electric fire pump controller



- VISUAL**
- Supervisory Power On
- VISUAL AND AUDIBLE**
- Power / Phase Failure
 - Phase Reversal
 - Trouble
 - Motor Run

Model APEE

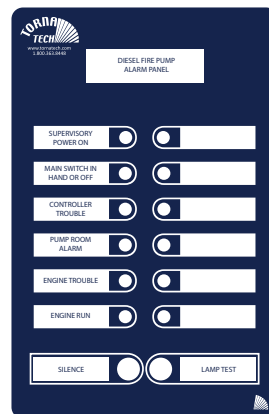
For monitoring of two electric fire pump controllers



- VISUAL**
- Supervisory Power On
- VISUAL AND AUDIBLE**
- Power / Phase Failure - Pump 1 and 2
 - Phase Reversal - Pump 1 and 2
 - Trouble - Pump 1 and 2
 - Motor Run - Pump 1 and 2

Model APD

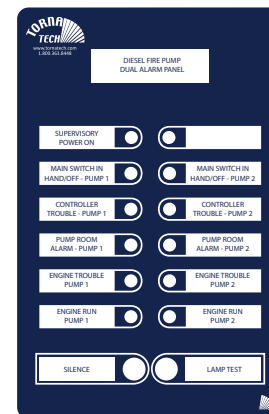
For monitoring of a single diesel fire pump controller



- VISUAL**
- Supervisory Power On
- VISUAL AND AUDIBLE**
- Main Switch in Hand or Off
 - Controller Trouble
 - Pump Room Alarm
 - Engine Trouble
 - Engine Run

Model APDD

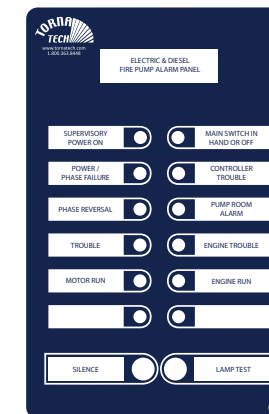
For monitoring of two diesel fire pump controllers



- VISUAL**
- Supervisory Power On
- VISUAL AND AUDIBLE**
- Main Switch in Hand or Off - Pump 1 and 2
 - Controller Trouble - Pump 1 and 2
 - Pump Room Alarm - Pump 1 and 2
 - Engine Trouble - Pump 1 and 2
 - Engine Run - Pump 1 and 2

Model APED

For monitoring of an electric and a diesel fire pump controller



- VISUAL**
- Supervisory Power On
- VISUAL AND AUDIBLE**
- Power / Phase Failure
 - Phase Reversal
 - Trouble
 - Motor Run
 - Main Switch in Hand or Off
 - Controller Trouble
 - Pump Room Alarm
 - Engine Trouble
 - Engine Run

APx **SERIES**

Remote Alarm Panels For Fire Pump Applications

AVAILABLE OPTIONS:

- Additional LED visual indications
- Additional output alarm points (SPST - Max. 8A - 120V.AC)
- Fire pump start pushbutton
- 220V.AC supervisory power
- NEMA 2 enclosure
- NEMA 4 enclosure
- NEMA 4X enclosure
- CE Listing
- French labelling
- Spanish labelling

* For other options please contact factory.

HOW TO ORDER: **APD** - Supervisory Voltage - options
Ex.: **APD** - 120 - options

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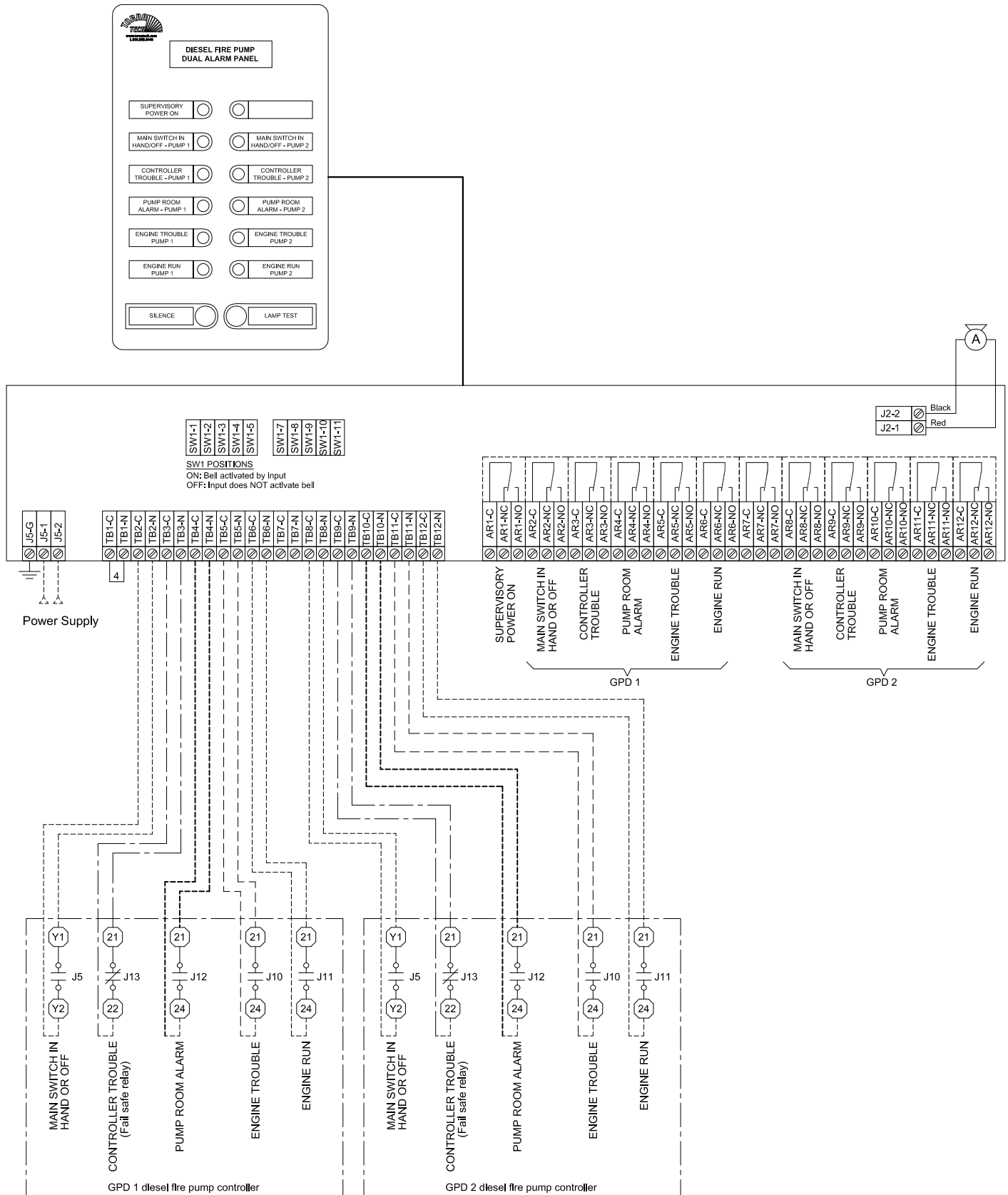
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ALARM PANEL FOR 2 DIESEL FIRE PUMP CONTROLLERS

Schematic

MODEL : APDD

BUILT TO UL 508A STANDARDS.



SW1-1 SW1-2 SW1-3 SW1-4 SW1-5
SW1-7 SW1-8 SW1-9 SW1-10 SW1-11

SW1 POSITIONS
ON: Bell activated by Input
OFF: Input does NOT activate bell

J2-2 Black
J2-1 Red

NOTES :

- : TERMINALS INSIDE ALARM PANEL
- : TERMINALS ON RELAY BOARD INSIDE GPD

Drawing for Information only.
Manufacturer reserves the right to modify this drawing without notice.
For drawing for approval or installation, please contact manufacturer.



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10100802

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0.	10/12/20	FIRST ISSUE	

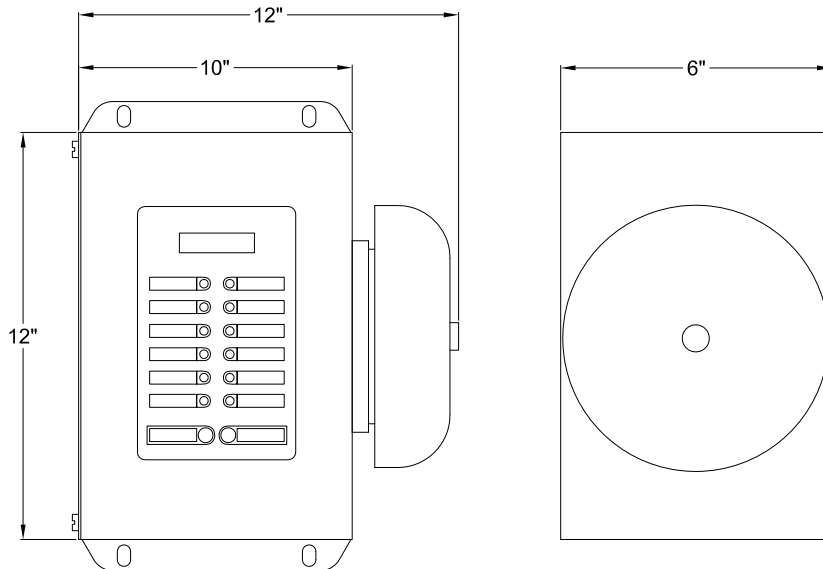
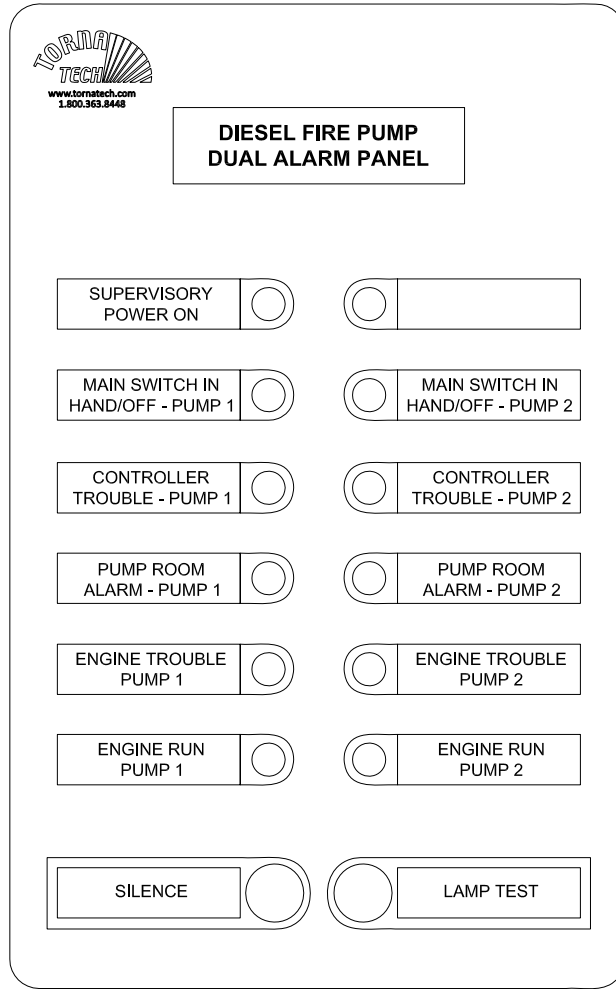
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DES.
VER. APX-0003 1/2 /E
APP.

ALARM PANEL FOR 2 DIESEL FIRE PUMP CONTROLLERS

MODEL : APDD

Dimensions

BUILT TO UL 508A STANDARDS.



NEMA/CSA 1 ENCLOSURE
FINISHED FIRE RED

Drawing for Information only.
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10100802

REV.	DATE	DESCRIPTION	APP.
0.	10/12/20	FIRST ISSUE	DES.
			VER.

Drawing No.

APX-0003 2/2 /E