

Kidde Graviner

Rail Fire Control Panels

Introduction

The Kidde Graviner range of panels are based on either a design specific application or as a compact modular unit.

Both designs have the capacity to monitor circuits, provide fault indication and sound internal buzzers to provide an alarm, further, the units also have the capability of providing outputs to integrate with engine controls for engine, fuel and fan shutdowns.

Product Description (Design Specific)

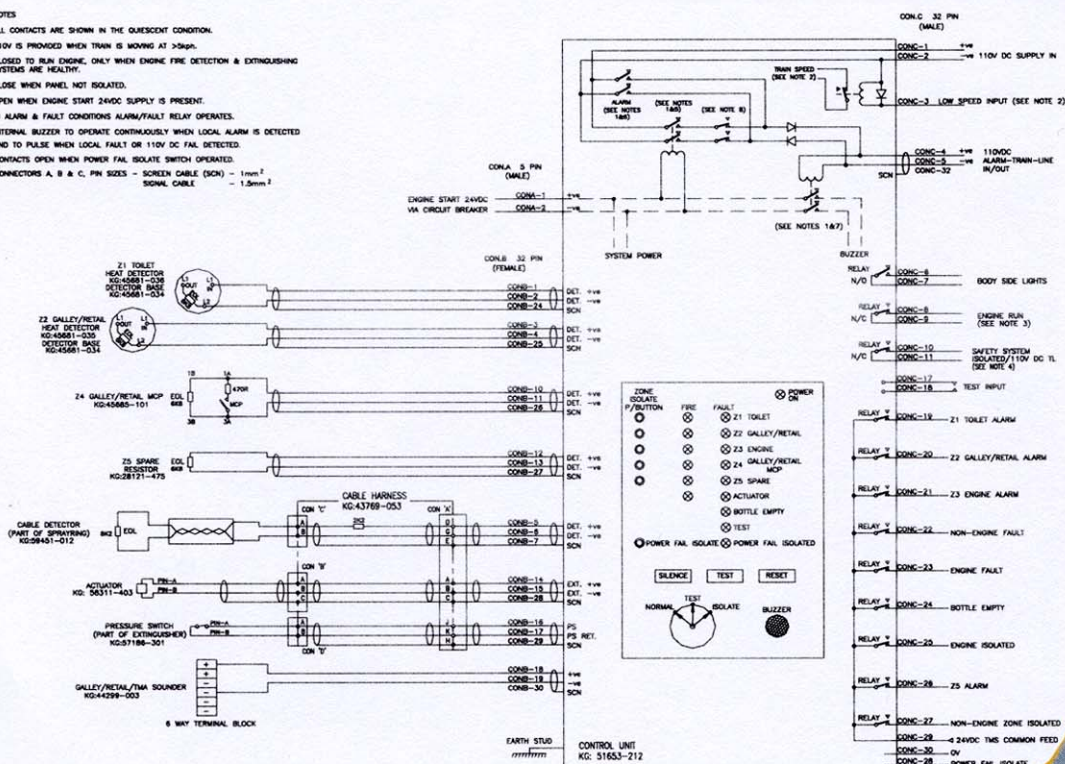
Fire Control Panel

- rack mounted
- extinguishing release
- hardware technology
- mechanical history log
- 3 detection
- fault monitoring
- zone isolation



NOTES

1. ALL CONTACTS ARE SHOWN IN THE QUESCIENT CONDITION.
2. 110V IS PROVIDED WHEN TRAIN IS MOVING AT >5mph.
3. CLOSED TO RUN ENGINE, ONLY WHEN ENGINE FIRE DETECTION & EXTINGUISHING SYSTEMS ARE HEALTHY.
4. CLOSE WHEN PANEL NOT ISOLATED.
5. OPEN WHEN ENGINE START 24VDC SUPPLY IS PRESENT.
6. IN ALARM & FAULT CONDITIONS ALARM/FAULT RELAY OPERATES.
7. INTERNAL BUZZER TO OPERATE CONTINUOUSLY WHEN LOCAL ALARM IS DETECTED AND TO PULSE WHEN LOCAL FAULT OR 110V DC FAI DETECTED.
8. CONTACTS OPEN WHEN POWER FAI ISOLATE SWITCH OPERATED.
9. CONNECTORS A, B & C, PIN SIZES - SCREEN CABLE (SCH) - 1mm²
SIGNAL CABLE - 1.5mm²



Applications

Design Specific: ETR5000, Class 92, Amtrak Flyer, Voyager, Meridian and Irish Rail DMU's

Modular: Generator protection, track laying machinery and test trains