



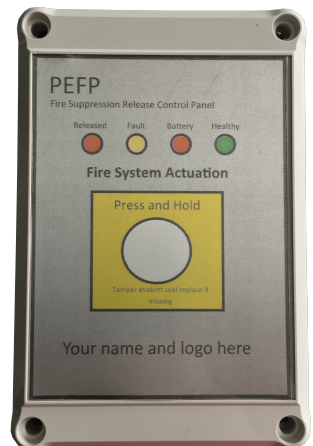
PEFP battery fire suppression control panel technical data

Power supply

- Two CR123A 3V lithium cell (Li/MnO₂)
- Operating range +4.0v to +6.0v
- 6V DC in from external source (Ideal Power 25HK-U-060A100-CP for example).
- External DC fault enabled (default) or disabled via configuration DIP switch
- Periodic automatic load test to determine battery condition
- Minimum two year battery life

Input/output

- Detection loop, monitored for open/short circuit, 6k8 end of line resistor and 470ohm to trigger
- Two Stat-X (for example) actuator outputs monitored (open circuit) and activated at one second intervals – require 1A for 50ms at a rise time of less than 500us
- Fire output relay 30VDC, 2A, 60W
- Fault output 30VDC, 50mA configurable for normally closed (default) or normally open using DIP switch



User interface

- LED indicators for FIRE (red) FAULT (yellow) HEALTHY (green)
- Fault LED flashes every 30 seconds in fault. Number of flashes indicates type of fault
- Healthy LED flashes every 30 seconds
- Battery LED flashes every 30 seconds to indicate when batteries have less than 6 month capacity
- Internal sounder for fault and fire audible indication
- MCP switch recessed behind a peel-off label

General

- 120x80x57mm ABS enclosure
- Configurable suppressant release delay from 0 – 30 seconds using DIP switch
- Pluggable rising clamp terminal blocks allowing 0.2-1.0mm² (30-16AWG) solid and stranded cables
- Operating temperature range -40°C to +60°C operation near the minimum or maximum temperatures may significantly affect the battery life

