

## FPC915

## 柴驱消防水泵机组控制器

DIESEL ENGINE FIRE PUMP CONTROLLER



## ● 简介

实现发动机消防水泵机组的自动开机停机、数据测量、报警保护功能。采用大屏幕彩色液晶图形显示，具有 CANBUS(SAE J1939) 接口，可控制各种电喷或非电喷发动机水泵。广泛应用于各类型发动机消防水泵控制系统。

## ● 特点

- 4.3英寸彩色屏幕，像素为480×272，中文、英文及其它多种语言可选
- 7路模拟量传感器输入，5路固定传感器，2路可编程传感器
- 加热器、冷却器、燃油泵控制
- 输入口显示内容支持用户自定义
- 可扩展输出
- 实时时钟、历史记录
- 5条自定义维护设置
- ECU信息显示
- 支持继电器调速、CAN调速
- 可连接两组启动电池
- 出水压力与流量曲线可自定义
- 工作模式：手动、自动、停工

## Overview

It can realize automatic start/stop, data measurement, alarm protection of the fire pump system. The controller adopts large colored graphic LCD screen, and can control pumps that is fitted with various ECU or non-ECU engines via CANBUS (SAE J1939) interface. And it can be widely used in various types of engine driven fire pump control system.

## Features

- 4.3-inch color LCD screen with the resolution of 480 × 272. Optional Chinese, English and other languages
- Seven analog sensor inputs, including five fixed type of inputs and two auxiliary inputs
- Control function for heater, cooler and fuel pump
- Display content of inputs can be self-defined by users
- Compatible with output expansion module
- Functions of real-time clock, and event log
- Five self-defined maintenance settings
- ECU information display
- Speed regulation supports relay output and CAN output
- It can be connected with two sets of starting batteries
- Discharge pressure curve and flow curve can be self-configured
- Work mode: manual mode, auto mode, lockout mode



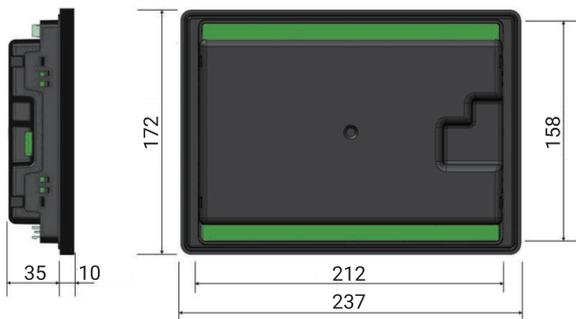
## ● 技术参数 Technical Parameters

<b>电源 Power</b>	工作电压: DC(8~35)V 整机功耗: <4W(待机方式: ≤2W)	Operating Voltage: DC(8~35)V Power Consumption: <4W (Standby mode: ≤2W)
<b>继电器输出 Relay Output</b>	起动继电器输出: 16Amp DC28V直流供电输出 燃油继电器输出: 16Amp DC28V直流供电输出 有源继电器输出口: 7Amp DC28V直流供电输出 无源继电器输出口: 7Amp AC250V无源输出	Start Relay Output: 16Amp DC28V power supply Fuel Relay Output: 16Amp DC28V power supply Active Relay Output: 7Amp DC28V power supply Voltage Free Relay Output: 7Amp AC250V voltage free output
<b>环境 Environment</b>	工作温度: (-25~+70)°C 工作湿度: (20~93)% RH 贮存温度: (-25~+70)°C 防护等级: IP55	Working Temperature: (-25~+70)°C Working Humidity: (20~93)% RH Storage Temperature: (-25~+70)°C IP Rating: IP55
<b>结构 Structure</b>	外形尺寸: 237 × 172 × 45mm 开孔尺寸: 214 × 160mm	Overall Dimensions: 237 × 172 × 45mm Panel Cutout: 214 × 160mm
<b>标准和认证 Standards &amp; Certificates</b>	CE认证 振动: (5~8)Hz: 位移±7.5mm (8~500)Hz: 加速度2g IEC 60068-2-6	CE Certification Vibration: (5~8)Hz: amplitude=±7.5mm (8~500)Hz: a=2g (IEC 60068-2-6)

## ● 尺寸 Dimensions

单位(Unit): mm

## ● 端口 Ports



直流工作电源 DC Power Input	紧急停机输入 EM-Stop Input	充电机D+ Charger D+	开关量输入(18) Digital Input (18)	转速传感器输入 Speed Sensor Input
				USB
				RS485
继电器输出口(12) Relay Output (12)		CAN		模拟量传感器输入(7) 固定(5)+可编程(2) Analogue Input (7) Fixed (5)+Aux. (2)