

YONJOU

— 永球质泵 技无止境 —

Since 1989



产品描述

FPC3CF 柴油消防泵控制器专门设计起来被用作双电源启动来控制消防泵。出厂之前永球泵业集团会提前设置好所有的参数。

发动机控制柜满足新版版本CCCF的认证。

PRODUCT DESCRIPTION

The FPC3CF diesel fire pump controller is complete designed to double batteries and diesel engine. All settings are being made in YONJOU PUMP GROUP as Ready for use.

Engine controller meets the requirements of the latest edition of CCCF and listed.

标准功能

- 系统错误警报/指示器。
- 交流电源正常指示灯。
- 直流电源正常指示灯。
- 双电池正常指示器 / 无空开接触器。
- 自动模式指示灯。
- 加热指示器。
- DC直流电源开关
- 手动模式速度控制开关
- 自动 / 手动模式切换开关

STANDARD FEATURES

- System error alarm / indicator.
- AC power healthy indicator.
- DC power healthy indicator.
- Double batteries healthy indicator / free contact.
- Auto mode indicator.
- Heating indicator.
- DC power on / off switch
- Manual mode speed high / low control switch
- Auto / Manual mode switch

标准功能

- 加热控制开关
- 紧急停止蘑菇按钮
- 发动机智能保护
- 管网压力自动启动 / 停止控制
- 远程信号启动 / 停止控制
- 报警复位和报警静音
- 发动机运行状态远程输出
- 双电池通过电池电压感应进行浮充
- 智能电池切换和备用电池切换系统
- 显示发动机运行时间。

STANDARD FEATURES

- Heating control on / off switch
- Emergency stop mushroom button
- Engine smart protection
- Pipeline pressure auto start / stop control
- Remote signal start / stop control
- Alarm reset and alarm mute
- Engine run state remote output
- Double batteries float charge by battery voltage sensing
- Smart batteries switching and alternate batteries switching system
- Showing engine running hours.

智能面板手动启动

- 手动按钮从每个独立的电池组启动发动机。

SMART PANEL MANUAL START

- Manual push button to start the engine from each independent batteries.

自动启动系统

- 管道压力控制：泵在低压设置点启动，在高压设置点停机。
- DCS远程启动（闭合启动）

AUTO START SYSTEM

- Pipeline pressure control: Pump start on the lower pressure setting and stop on the high pressure setting.
- Remote start from DCS (close to start)

紧急启动

- 紧急启动按钮从每个独立的电池组启动发动机。紧急启动将避免发动机智能控制系统。

EMERGENCY START

- Emergency push button to start the engine from independent batteries. The emergency start would avoid the engine smart control system

电池组功能系统 (BMS)

两组独立功能的电池充电，每组都有自己的浮充电器，额定最大连续充电电流为5安培。该充电器采用带有半导体型整流器的固态电子设计，并包括以下监控和安全功能。

- 每种充电模式下的电流限制
- 过电流关断
- 低于0.5安培的涓流充电
- 反向电压关断
- 过欠压报警
- 充电器启动的电池故障警报带有信号，以防止在发动机启动循环期间使用有缺陷的电池

BATTERY MANAGEMENT SYSTEM (BMS)

Two independently functional battery charges, each having its own power float charger rated for a maximum continuous charge current of 5 amperes. The charger has solid state electronic design with a semi-conductor type rectifier and includes the following supervisory and safety features.

- Current limiting in every charging mode
- Over-current shut-off
- Lower than 0.5 ampere trickle charge
- Reverse voltage shut-off
- Over and under voltage alarm
- Charger initiated battery failure alarm with signaling to prevent the use of the defective battery during the engine starting cycle.