ACC7100A
柴驱空压机控制器

DIESEL AIR COMPRESSOR CONTROLLER

● 简介

可实现空压机的开机停机、 数据测量、 维护保养、 报警保护及 "三遥" 功能。控制器具有调速功能， 带有 CANBUS(SAE J1939) 接口， 可控制多种电喷或非电喷柴驱空压机。工作温度 (-40~+70)℃， 防护等级前壳达到 IP65， 后壳 IP60， 适用于野外、矿山、城建等粉尘严重、工况复杂的应用场景。

● 特点

- LCD液晶显示，低温可加热，液晶背光亮度可调
- 支持简体中文、英文、韩语、俄语、葡萄牙语、西班牙语、意大利语、法语、土耳其语
- 8路模拟量传感器，2路固定电阻型，2路固定电流型，4路可灵活配置成电阻型、电流型、电压型
- 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AIN8模块
- 实时时钟、历史记录功能(200)，黑匣子
- 维护功能，7条固定维护设置，3条自定义维护设置
- 越控模式，除紧急停机和超速外，其它所有停机报警量均被禁止
- 锁机功能，锁机后控制器显示锁机模式，无法起动空压机
- ECU信息显示
- DPF再生功能，满足欧 V 排放标准

Overview

It can realize functions of start/stop, data measurement, maintenance, alarm protection, and "Three Remote" (remote control/measurement/communication). The controller features speed regulation function. With the CANBUS (SAE J1939) interface, it can control various ECU or non-ECU diesel engine driven air compressor. The operating temperature is -40° C~+70° C. The protection level of front panel is IP65, and it is IP60 for back panel, which allows it to work in the field, mine, urban construction and other applications under serious dust and complex working conditions.

Features

- LCD display, which can be heated under low temperature. Adjustable LCD backlight brightness
- Supports Simplified Chinese, English, Korean, Russian, Portuguese, Spanish, Italian, French, and Turkish
- Eight analog sensor inputs, including two fixed resistance type of inputs, two fixed current type of inputs and the others can be flexibly configured as resistance, current or voltage type of inputs
- Control function for heater, cooler and fuel pump
- Display content of inputs can be self-defined by users
- Compatible with AIN8 expansion module
- Functions of real-time clock, event log (200 records), and black box
- Maintenance function, which includes sever fixed settings and three self-defined settings
- Override mode, which means all shutdown alarms are inhibited except emergency stop and overspeed shutdown
- Compressor lock function. When the compressor is locked, the controller will display Lock Mode, and it cannot be started
- ECU information display
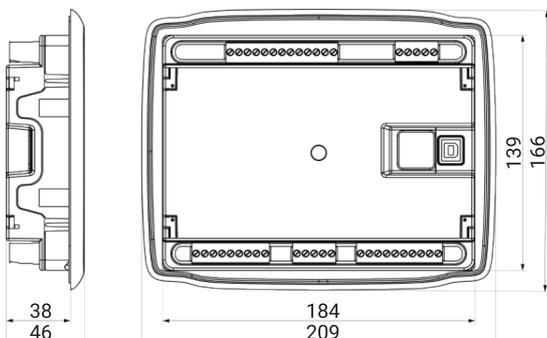- DPF regeneration function, which meets Euro V emission standard

SmartGen
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电源 Power	工作电压：DC(8~35)V 整机功耗 液晶不加热：<6W(待机方式：≤2W) 液晶加热：<10W(待机方式：≤6W)	Operating Voltage：DC(8~35)V Power Consumption LCD Heating off: <6W (Standby mode: ≤2W) LCD Heating on: <10W (Standby mode: ≤6W)
环境 Environment	工作温度：(-40~+70)℃ 工作湿度：(20~93)% RH 贮存温度：(-45~+80)℃ 防护等级：前壳IP65，后壳IP60	Working Temperature：(-40~+70)℃ Working Humidity：(20~93)% RH Storage Temperature：(-45~+80)℃ IP Rating：front panel IP65, back panel IP60
结构 Structure	外形尺寸：209 × 166 × 46mm 开孔尺寸：186 × 141mm	Overall Dimensions：209 × 166 × 46mm Panel Cutout：186 × 141mm
标准和认证 Standards & Certificates	CE认证 振动：(5~8)Hz: 位移±17mm (8~100)Hz：加速度4g (100~500)Hz：加速度2g IEC 60068-2-6 碰撞：20g_n, 16ms，半正弦 IEC 60255-21-2 冲击：50g_n, 11ms，半正弦 IEC 60068-2-27	CE Certification Vibration: (5~8)Hz amplitude=±17mm (8~100)Hz：a=4g (100-500)Hz：a=2g (IEC 60068-2-6) Bump: 20g_n, 16ms, half-sine (IEC 60255-21-2) Shock: 50g_n, 11ms, half-sine (IEC 60068-2-27)

● 尺寸 Dimensions　　　单位(Unit)：mm

38
46
139
166
184
209

● 端口 Ports

直流工作电源 DC Power Input	紧急停机输入 EM-Stop Input	继电器输出口(9) 固定(1)+可编程(8) Aux. Relay Output (9) Fixed (1)+Aux. (8)	充电机D+ Charger D+	RS485	CAN
					USB
转速传感器输入 Speed Sensor Input	可编程输入口(6) Aux. Input (6)	DC+5V输出 DC+5V Output		模拟量传感器输入(8) 固定(3)+可编程(5) Analog Sensor Input (8) Fixed (3)+Aux. (5)	

CE