

ACC7200

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。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

- 4.3英寸彩色屏幕，显示分辨率为480x272，液晶背光亮度可调
- 支持简体中文、英文、韩语、俄语、意大利语、西班牙语、葡萄牙语
- 8路模拟量传感器输入口，3路固定电阻型，另5路可灵活配置成电阻型、电流型、电压型
- U盘交互，可升级程序，导入导出配置、导出历史记录、导出黑匣子记录
- 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、MIO14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
- 锁机功能，锁机后控制器显示锁机模式，无法启动空压机
- 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 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

- 4.3-inch color LCD screen with the resolution of 480x272. Adjustable LCD screen backlight brightness
- Supports Simplified Chinese, English, Korean, Russian, Italian, Spanish, and Portuguese
- Eight analog sensor inputs, including three fixed resistance type of inputs, and the others can be flexibly configured as resistance, current or voltage type of inputs
- USB flash disk interaction for functions of software upgrade, configuration import/export, event log export and black box record export
- Control function for heater, cooler and fuel pump
- Display content of inputs can be self-defined by users
- Compatible with AIN8 and MIO14 expansion module
- Functions of real-time clock, event log (200 records), and black box
- Maintenance function, which includes seven fixed settings and three self-defined settings
- 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



● 技术参数 Technical Parameters

电源 Power	工作电压: DC(8~35)V	Operating Voltage: DC(8~35)V
	整机功耗: <9W(待机方式: ≤3W)	Power Consumption: <9W (Standby mode: ≤3W)

结构 Structure	外形尺寸: 209 × 166 × 49mm	Overall Dimensions: 209 × 166 × 49mm
	开孔尺寸: 186 × 141mm	Panel Cutout: 186 × 141mm

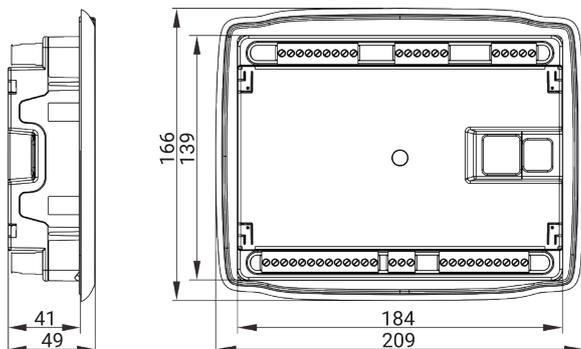
环境 Environment	工作温度: (-40~+70)°C	Working Temperature: (-40~+70)°C
	工作湿度: (20~93)% RH	Working Humidity: (20~93)% RH
	贮存温度: (-40~+80)°C	Storage Temperature: (-40~+80)°C
	防护等级: 前壳IP65, 后壳IP60	IP Rating: front panel IP65, back panel IP60

标准和认证 Standards & Certificates	CE认证	CE Certification
	振动: (5~8)Hz: 位移±7.5mm (8~500)Hz: 加速度4g IEC 60068-2-6	Vibration: (5~8)Hz: amplitude=±7.5mm (8~500)Hz: a=4g (IEC 60068-2-6)
	碰撞: 25g _n , 16ms, 半正弦 IEC 60255-21-2	Bump: 25g _n , 16ms, half-sine (IEC 60255-21-2)
	冲击: 50g _n , 11ms, 半正弦 IEC 60068-2-27	Shock: 50g _n , 11ms, half-sine (IEC 60068-2-27)

● 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	可编程继电器 输出(10) Aux. Relay Output (10)	充电器D+ Charger D+	RS485	CAN
			USB HOST	USB DEVICE	
转速传感器输入 Speed Sensor Input	可编程输入(10) Aux. Input (10)	DC+5V输出 DC+5V Output	可编程传感器输入(8) Aux. Sensor Input (8)		