

ACC1700/ACC1700CAN 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。ACC1700CAN 具有调速功能，带有 CANBUS(SAE J1939) 接口，广泛应用于柴驱空压机控制系统。

特点

- 液晶显示分辨率为 132 × 64，背光亮度可调，中英文可选
- 主界面参数自定义显示
- 蓝牙通信功能，可通过手机APP实现空压机10~30米的无线控制和数据监测
- DPF再生功能，满足发动机后处理控制需求
- 5路模拟量传感器，其中3路电阻型，1路电流型，1路可灵活配置为电阻型、电流型和电压型
- 调速功能，可根据空压机排气压力自动调节转速
- 加热器、冷却器、燃油泵控制
- 维护保养(10条)，维护时间到动作可设置
- 锁机设置，锁机后控制器显示锁机模式，无法启动空压机
- ECU信息显示(仅ACC1700CAN)
- RS485通讯接口，利用MODBUS协议可以实现“三遥”功能

Overview

It can realize functions of start/stop, data measurement, maintenance, alarm protection, and “Three Remotes” (remote control/measurement/communication). ACC1700CAN controller has speed regulator function, and CANBUS (SAE J1939) port, which can control various ECU diesel air compressors.

Features

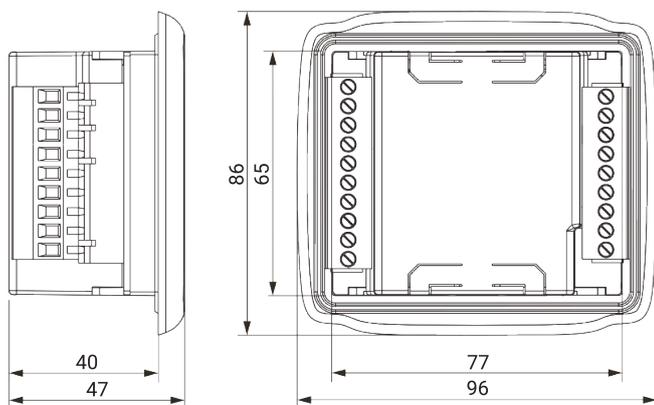
- LCD screen with 132 x 64 resolution and backlight; Optional Chinese, English languages
- Custom display of main interface parameters
- With Bluetooth communication function, it can carry out wireless control and data monitoring within 10~30 meters near the air compressor by mobile phone APP
- DPF regeneration function, which meets the control requirements of engine exhaust aftertreatment
- 5 ways of analog sensors, including 3 resistance type sensors, 1 current type sensor and 1 multifunctional sensor (resistance/current/voltage type)
- Speed regulation function enables it to automatically adjust speed according to discharge pressure of the air compressor
- Heater, cooler and fuel pump control functions
- Maintenance function (10 items), maintenance time due action can be set
- Compressor lock function. When the compressor is locked, the controller will display Lock Mode, and it cannot be started
- ECU information display (only for ACC1700CAN)
- With RS485 communication port, it can realize “Three Remotes” function via MODBUS protocol



<p>电源 Power</p>	<p>工作电压: DC(8~35)V 整机功耗: <3W(待机方式: ≤2W)</p>	<p>Operating Voltage: DC(8~35)V Power Consumption: <3W(Standby mode: ≤2W)</p>
<p>转速传感器 Speed Sensor</p>	<p>电压: 1.0至24V (有效值) 频率: 最大10000Hz</p>	<p>Voltage: 1.0V~24V (RMS) Frequency: max. 10000Hz</p>
<p>环境 Environment</p>	<p>工作温度: (-25~+70)°C 工作湿度: (20~93)% RH 贮存温度: (-30~+80)°C 防护等级: IP65</p>	<p>Working Temperature: (-25~+70)°C Working Humidity: (20~93)% RH Storage Temperature: (-30~+80)°C IP Rating: IP65</p>
<p>结构 Structure</p>	<p>外形尺寸: 96 × 86 × 47mm 开孔尺寸: 78 × 66mm</p>	<p>Overall Dimensions: 96 × 86 × 47mm Panel Cutout: 78 × 66mm</p>
<p>标准和认证 Standards & Certificates</p>	<p>CE认证 振动: (5~8)Hz: 位移±7.5mm (8~500)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</p>	<p>CE Certification Vibration: (5~8)Hz amplitude=±7.5mm (8~500)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)</p>

● 尺寸 Dimensions

单位(Unit): mm



● 端口 Ports

<p>可编程输入口(2) Aux. Input (2)</p>		<p>可编程输出口(4) Aux. Output (4)</p>
<p>可编程传感器(5) Flex. Sensor (5)</p>		<p>起动输出 Start Output</p>
<p>MP1、MP2(ACC1700) CAN(ACC1700CAN)</p>		<p>急停输入 Emergency Stop</p>
<p>RS485</p>		<p>直流工作电源 DC Power Input</p>