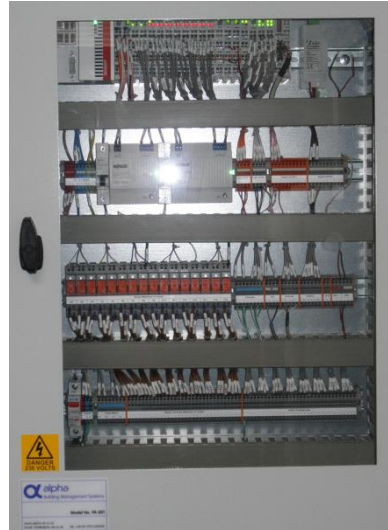![alpha air - Building Management Systems logo]

Hyperion HC001

Description

Alpha Air has developed a comprehensive building management system, capable of controlling and monitoring all aspects of your building, using latest technologies, constructed with high quality components.

This system is highly efficient, compact and able to interface with many other protocols - KNX, Modbus, M-Bus, Dali & BACnet.

Operation of the Alpha Air system is simple, straightforward and direct: allowing you the freedom to manage all building services remotely, from any location - whilst offering you the ultimate in flexibility, to add a virtually infinite number of additional devices or further locations onto the system.

Features & Options

- Alarm Monitoring
- BACnet/Trend Interface
- Daikin A/C Interface
- DALI
- Drag & Drop Commissioning
- Easily Expandable
- EnOcean
- Electricity Gas Water
- Energy Monitoring
- Emergency Light Testing
- HVAC
- IPad/IPhone Touch Panel Interfaces
- KNX Interface
- Leak Detection
- Lighting Control
- Mitsubishi A/C Interface
- Shutter/Blind & Shading Control
- Stylish Switches
- Simple Wiring
- Simple Head End
- Toshiba A/C Interface

General Information

Hyperion HC001-RS

Description

Dimensions H x W x D	800mm x 600mm x 200mm
Power Supply	230VAC
Fuse Breaker Size	10amp Type B
Network Connection	RJ45
Digital Inputs - Switches	16
Dali	2 Channels x (64 fittings / 16 Groups) 250mA per channel
Analogue Inputs	8
Analogue Outputs	4
EnOcean	1
Modbus	1
M Bus	1
KNX Interface	1
Pulse Inputs	4
Relays – 16amps	16
CoolMasterNet Modbus	Daikin / Mitsubishi / Toshiba etc.

CPU/Software Information

Electrical

Beckhoff Hardware	CX5130-0121
Panel Processor	Processor Intel® Atom™ E3827, 1.75 GHz, 2 cores (TC3: 40)
Flash memory	Slot for CFast card (card not included), slot for microSD card
Internal main memory	4 GB DDR3 RAM (not expandable)
Persistent memory	integrated 1-second UPS (1 MB on CFast card)
Interfaces	2 x RJ45, 10/100/1000 Mbit/s, DVI-I, 4 x USB 2.0, 1 x optional interface
Diagnostics LED	1 x power, 1 x TC status, 1 x flash access, 2 x bus status
Operating System	Microsoft Windows Embedded Standard 7 P
Operating Temperature	-25…+60 °C/-40…+85 °C

Software

PLC Software	TwinCAT 2 PLC runtime or TwinCAT 2 NC PTP runtime
Head End	Visual Studio 2013