



Product Data

iAIRE-1000 | Main Controller

Technical Data

Voltage: 24VAC input
AMPS: .31
2x14 character LCD display
3 indicator lights
4 push button inputs



ANALOG IN	SIGNAL	DEVICE
(J9)	(0-10V)	CO2
(J10)	(0-10V)	VOC
(J11)	(0-10V)	Econo. position reading
(J12)	(0-10V)	Pressure1 (05V) & RTU VFD
(J13)	(4/-20mA)	Humidity/Enthalpy
(J14)	(0-5V)	Building Pressure
(J15)	(0-5V)	Outside Air Temperature (OAT)
(J16)	(0-5V)	Supply Air Temperature (SAT)

ANALOG OUT	SIGNAL	DEVICE
OCR1A	(0-10V)	Econo. actual position reading
OCR1B	(0-10V)	mod. powered exhaust control

DIGITAL IN	SIGNAL	DIGITAL OUT	SIGNAL	OUTPUT
Input 1	(24VAC)	Relay 1	(DC)	COMP1
Input 2	(24VAC)	Relay 2	(DC)	COMP2
Input 3	(24VAC)	Relay 3	(DC)	PE1
Input 4	(24VAC)	Relay 4	(DC)	ALARM

Communication	RS 485
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Product Application

The **iAIRE** main controller is used to control the economizer actuator and all sensors to achieve outdoor air savings and clean air unlike any other system before.

Part Number

iAIRE - 1000

Product Dimensions (inches [mm])



