

ODYSSEY

- With the power of a full energy management system and the simplicity and cost of a conventional controller, Odyssey is the perfect tool to control, monitor and conserve energy in small/medium sized buildings. Odyssey also affords the opportunity to manage single or multiple sites from one central location. It's application is virtually unlimited for those seeking to make positive in-roads towards achieving sound energy management practices.
- A key feature of the Odyssey energy management system is the inclusion of 12 plant control schemes, which cover most conventional control applications. Each scheme is pre-programmed with default set-point values and timetable settings. Virtually no commissioning of the Odyssey is required; a test scheme even helps check out the wiring and plant operation.



- The Odyssey can be either DIN rail mounted or, as an option, be supplied in it's own purpose built, wall mounted enclosure. When DIN rail mounted, panel design is simplified by accommodating connecting cables in the control panel trunking, eliminating the need for wiring to the control panel door.
- The Odyssey keypad and display unit can be either mounted on the control panel door or situated in an office up to 1000 metres away. Alternatively, if the Odyssey controller is supplied in an optional enclosure, the display can be mounted on the front of this unit, which comes complete with fixing holes and a cable entry hole. In all cases cable connection is via a 4-core cable.

SPECIFICATIONS

Enclosure *Display* - Grey ABS, Wall or Panel Fascia Mounted. Dimensions : 247mm (w) 105mm (h) 28mm (d). Weight : 400g.
Controller - Green, Mild Steel, DIN Rail Mounted. Dimensions : 324mm (w) 112mm (h) 85mm (d). Weight : 2,254g.

Supply 240V ac + 10% / -15% @ 50Hz.
 20W Power Consumption.

Storage Temp -65°C to 125°C.
Operating Temp 0°C to 70°C.

Inputs 8 analogue inputs accepting Odyssey or Industry Standard 2 wire resistive sensors.
 8 digital inputs using volt free contacts or pulsed output, volt free utility meters.

Output 8 Single pole, changeover contacts rated at 8A, 240v ac resistive.
 2 analogue outputs, 0-10V dc into a maximum load of 1K Ohm.

Terminations Screw terminal connectors accept cable from 0.5-2.5mm for all inputs and outputs.

Interface 4 Directional Push Buttons.
 Backlit LCD Screen.
 Healthy and Alarm warning lamps.
 RS232 Serial Communication Interface.
 Modem Interface.

- Ease of operation and installation is complimented by total flexibility of control. Odyssey can be used stand-alone, connected to a site based PC via hard wiring, or remotely through an optional telephone modem. The click of a mouse allows the operator to interface with the dynamic graphics, interrogate alarms, data logs, degree-days, meter readings, and control and monitor any item of plant. Information is displayed graphically and can be constantly updated and adjusted.