



INFRESCO

Infra Red Intelligent Heater Controller

INFRESCO

X10695

INTRODUCTION

The Infresco has been designed specifically to work with Infra Red Heaters, with a rating of 3.5kW it will allow you to control a variety of heating and lighting solution.

The Infresco has a 1 to 10 step setting allowing you to find the optimum comfort setting in you specific area. With energy saving a major factor in the design brief, once the Infresco is switched on it will automatically manage the heating system. With a built in temperature sensor only allowing the unit to switch on when required and a PIR that will detects a requirement for the heater to switch on only when needed. An optional remote control allows for the unit to be fitted out of the way so safety is paramount. The Infresco has a built in soft start function which will add up to an additional 30% life to your heater lamp.

APPLICATIONS

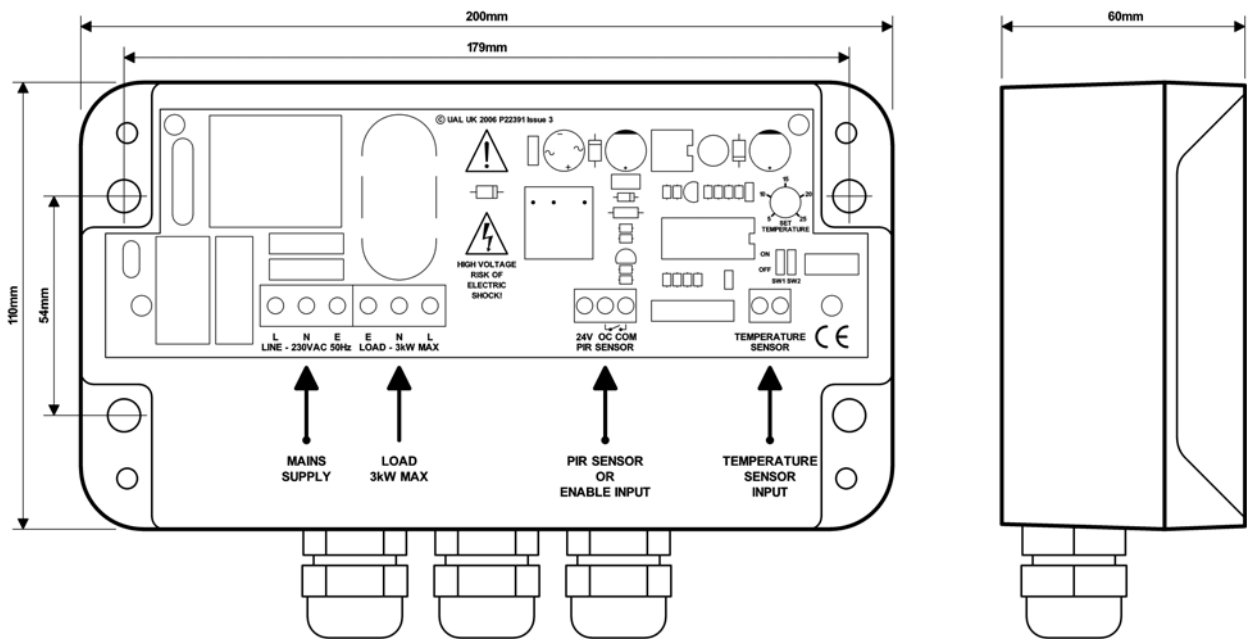
Any application where high inrush current is an issue or control is required. Typical use is for Infra Red Heating lamps, Garden lighting

FEATURES

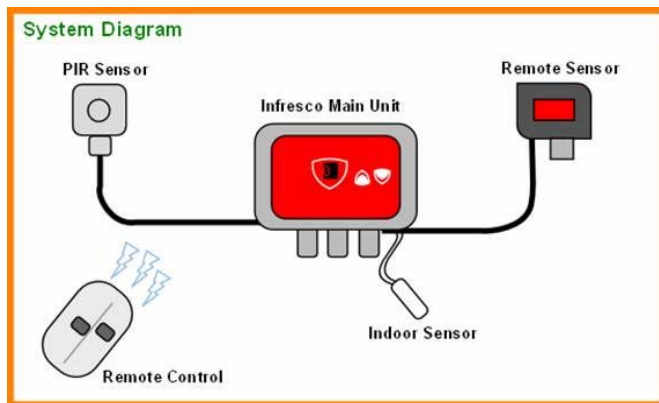
- Single hole fixing
- Energy Saving.
- Simple Installation
- Extended Lamp life.
- Reduced Maintenance
- Short Payback time



INSTALLATION



Circuit Diagram



SPECIFICATIONS

Supply Voltage	230vAC +/- 10%
Maximum Load	3.5kW
Operating Temperature	-20°C to 30°C
IP Rating	IP65
Gland Diameter	Max Cable Entry 2.5mm ² (Line & Load)
Temperature Set point	5°C to 25°C

FUSING

It is recommended to use an appropriately rated mains fuse or D Type Breaker for protection. On initial 'switch on' some loads may need an increased Factor of Safety (F of S) for Unit and/or Device protection. See SRA Data sheet for further information.

CE MARKING

This family carries a "CE" marking. These phase angle controllers need a suitable remote filter. For more information see recommendations section and contact our sales desk. (See Declaration of Conformity)

RECOMMENDATIONS

Other documents available on request, which may be appropriate for your application: -

CODE	IDENTITY	DESCRIPTION
X10229	RFI	Single Phase Filtering recommendations - addressing EMC Directive
X10213	ITA	Interaction, uses for phase angle and for burst fire control.
X10255	SRA	Safety requirements - addressing the Low Voltage Directive (LVD) including: - Thermal data/cooling; "Live" parts warning & Earth requirements; Fusing recommendations.
AP02/4	COS	UAL Conditions of sale.

NOTE It is recommended that installation and maintenance of this equipment should be done with reference to the current edition of the I.E.E. wiring regulations (BS7671) by suitably qualified/trained personnel. The regulations contain important requirements regarding safety of electrical equipment (For International Standards refer to I.E.C/ directive IEC 950).

ORDER CODE:

State part number:	INFRESCO Remote	A86350
	INFRESCO Manual	A86351
Optional Extras:	Outside Temperature Sensor	A26038
	Betatherm Sensor	A84031
	Remote Handset	A86352
	Infresco PIR Sensor	A26051



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