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POWER CONTROLLERS

HVLR2

Fully adjustable from 0-100%, the HVLR2 will help ensure a comfortable temperature is always achieved whilst also saving on wasted energy and costs.

The HVLR2 can be used in both indoor and outdoor applications and can control multiple heaters at one time.

It is robust, user friendly, and easy to install.

While the HVLR2 is offered as a heater controller, it can be used for any electrical device(s) up to 3kW total load.



- Suitable for appliances up to 3kW at 220-240V
- Integral ON/OFF switch
- Fully adjustable power setting
- High reliability triac used
- CE EMC compliant
- UL approved

HLWDIM

The HLWDIM incorporates a soft-start function to eliminate the lamp's high inrush current — potentially increasing lamp life by as much as 30% and reducing the stress on the mains supply.

Output levels are selected by up & down push buttons with a high intensity LED indicating when the controller is giving output to the heater



- Suitable for up to 1.5kW infra red heater
- Waterproof (IP55)
- LED shows status
- Stepped power setting
- High reliability triac used
- CE & EMC compliant

VLRC2

The VLRC2 is a remote controlled on/off switch with a fourstage stepped dimming function operated by a small handheld remote control fob.

The remote control has a range of 20 meters (depending on local environmental conditions).



- Remote control operation
- Can be used indoors and outdoors
- IP65 - suitable for outdoor use
- ON/OFF, and 4-stage dimming
- 20 metre remote range

	HLVR2	HLWDIM	VLRC2
Supply voltage	200 - 264 Vca 50/60Hz	230V $\pm 10\%$, 50Hz	220 - 240 Vca 50/60Hz
Max current rating	13A @ 30°C ambient 17A @ 25°C ambient	6.5A @ 25°C ambient	9A @ 25°C ambient
Peak surge current	240 A		
Operating temperature		-20 a 50 °C	-20 a 40 °C
Dimensiones and Weight	86 x 146 x 47mm and 0,55 kg	95 x 130 x 55mm and 0,5 kg	120 x 80 x 55mm and 0,6 kg
Protection rating		IP 55	IP 65
	Must be mounted proud of a wall and recessed in to a cavity.	Supplied with 2 x cable glands and wall mounting screws.	Supplied with 2 x cable glands and mounting bracket accessory & hand held remote. Dimming stages: Step 1 40% / Step 2 70% Step 3 78% / Step 4 Full

HLPSS4 SOFT START

The HLPSS4 4kW controller provides energy saving when used with infrared heaters and also prolongs the lamps' life. It does this by soft-starting the load when power is first applied to the heater(s).

The microcontroller-based unit incorporates zero-voltage switching and its soft-start function eliminates lamps' initial high inrush current – potentially increasing lamp life by as much as 30%. It can be used with multiple heaters



- Extends lamp life and saves energy
- Soft-start/zero-voltage switch-off
- Suitable for multiple heaters
- Low-cost
- Easy to install

	HLPSS4
Supply voltage	230V +/- 10% 50 Hz
Switching capacity	4kW max.
Supply fusing	20LCT o MCB20A (1 polo, 440V)
Current consumption	50 mA
Terminals	De tornillo 2,5 mm ²
Operating temperature	-20 a +40°C
Dimensions and Weight	100 x 100 x 60mm and 0,64 kg
Protection rating	IP 65

HLOPIR3 PIR CONTROLLER

The HLOPIR3 utilises passive infrared technology to detect heat radiation of moving human bodies. Upon detection, the attached heating load will activate for a user determined time period. This product is suitable for wall or ceiling mounting.



	HLOPIR3
Supply voltage	230 V
Switching capacity	3kW max.
Detection range	12 m
Detection angle	200°
Lamp on time	de 5 seg a 18 min
Dimensions and Weight	87 x 73 x 121mm and 0,2 kg
Protection rating	IP 55

- 12m detection range with 200° area detection
- Suitable for up to 3kW infra red heaters
- Head twists up or down
- IP55 weatherproof rating
- Adjustable heat ON* time 5 secs- 18 mins
- Manual ON/OFF override
- Hinged back box for ease of wiring
- Adjustable light level control

* (We recommend a minimum time of two minutes to prolong the life of the infra red lamp.)

HLOTIM3 TIMER

The soft start feature of the HLOTIM3 helps to prolong the life of infrared lamps and reduces stress on the mains supply. Users can instantly and easily switch on heaters, and the electronic timer will switch off the equipment after a pre-set delay. The time delay is fully adjustable.

A single controller can control up to four 1.5kW, three 2kW, or one 6kW heater(s). It can easily be retrofitted to existing equipment. The switch is tamper proof to prevent abuse and cannot be re-activated until the timer has turned off.



- Suitable for up to 6kW infra red heaters at 220-240v supply
- Electronic soft start- extends lamp life
- Tamper proof push button
- Fully adjustable time delay
- No retriggering of switch
- Red LED indicator when active
- Waterproof (IP55 rated)

VLPTD TIMER

The VLPTD is a 0-99 minute digital countdown timer with built-in start/stop. Time is set by two buttons in steps of 1 or 10 minutes. The VLPTD is primarily for use with Victory small paint dryers and is mounted onto the HLPS paint dryer stand. It is supplied with a 3m supply cable and fitted with a 13A UK plug. The VLPTD-E version is fitted with 16A EU Plug.



- **0-99 minute countdown timer**
- **LED shows time remaining in minutes**
- **Suitable for up to 2 kW**
- **Can control 1 or 2 heaters**

TIMERS	HLOTIM3	VLPTD
Supply voltage	220 – 240Vca 50Hz	220 – 240Vca 50Hz
Max current rating	25A @ 230Vca	9A @25°C
Delay time range	5 – 70 minutes	
Dimensions and Weight	110 x 168 x 80mm and 0,375 kg	260 x 150 x 100mm and 1,1 kg