	TT1001 - Single	30 Amp Run-back timer (for oven & cookers)
	TT1002 – Double	40 Amp Run-back timer (for oven & cookers)

Features

- Selectable timer modes – Switch mode (time on period adjustable by user) or Fixed mode (time on period fixed)
- Adjustable run times (15, 20, 30, 45, 60 or 120 minutes) set by installer
- Power (Green) & Load On (Red) LED indicators

Safety Instructions

1. These instructions should be read carefully and retained after installation for future reference and maintenance
2. This product must be fed via a DP isolator switch located close to the HobGuard
3. Ensure that the mains power is isolated before carrying out installation or maintenance
4. Check that the total load on the cooker circuit including this timer does not exceed the rating of the circuit cable, fuse or circuit breaker
5. This product must be installed in accordance with the latest edition of the IET Wiring Regulations (BS7671) and current Building Regulation; if in any doubt, consult a qualified electrician

Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

Installation Instructions

Note: The HobGuard must be powered through a suitably rated double pole isolator switch.

- Connect the incoming 230V 50Hz supply and outgoing load cables to the relevant terminals ensuring correct polarity is observed and that all bare conductors are sleeved. Follow wiring configuration as below.

Mains Supply: Live (brown) to L
 Neutral (blue) to N
 Load: Switch Live (brown) to Load
 Neutral (blue) to N

- Set Operation Mode

Operation Mode is set by the DIL switches

This product is factory set to **Fixed Operation Mode** with a *Run Time* of 45 mins. The Operation Mode can be changed between **Fixed or Switch** (See 'Mode Definition section). The Run Time can be set by changing the DIP switch settings as below.

Operation Mode (DIP switch 1)	Time setting			Time(minutes)
	2	3	4	
1 (On) – Fixed Mode	On	0	0	15
	0	0	1	20
	0	1	0	30
	0	1	1	45(Default)
0 – Switch Mode	1	0	0	60
	1	0	1	120

- For the single TT1001, remove the front panel by un-clipping it from the bottom using a small flat head screwdriver in the slot and then lifting it up towards you. Secure the unit to the back box with fixing screws provided.
- For the double TT1002, secure the unit to the back box with the fixing screws provided.

Note: Minimum 47mm wall box should be used.


Mode Definition

Fixed Mode

- The green Power LED remains steadily lit.
- The run time cannot be adjusted during operation.
- Pressing and holding the power button for more than 3 seconds will switch off the load—except during the final 60 seconds of the run time (see 'Mode Function' for details).

Switch Mode

- The green Power LED flashes continuously.
- The run time can be adjusted by repeatedly pressing the arrow button.
- Pressing the power button will immediately switch off the load.
- If the unit is installed in Switch mode, it can switch between Fixed Mode and Switch Mode by pressing and holding the arrow button for more than 3 seconds. Each long press will cycle between the two modes.

	TT1001 - Single	30 Amp Run-back timer (for oven & cookers)
	TT1002 – Double	40 Amp Run-back timer (for oven & cookers)

USER OPERATION	
Mode Function Fixed mode <ul style="list-style-type: none"> Press the power button to begin operation for the preset run time. The device will remain on until the timer expires and then automatically switch off. The time indicator light will update automatically to reflect the remaining time. In the final 60 seconds of operation, the 15-minute indicator will begin flashing. Pressing the power button during this period will restart the timer from the beginning using the previously set duration. If the power button is not pressed, the device will turn off when the timer ends. At any point during operation, pressing and holding the power button for more than 3 seconds will immediately switch off the load and end the current cycle. Once powered off, all indicator lights—except the Power indicator—will turn off. <p>Note: When operating in Fixed Mode, the run time cannot be adjusted using the panel buttons, except for restarting the timer as described above.</p>	Switch mode <ul style="list-style-type: none"> Press the power button on the panel to start the timer using the currently selected run time. To adjust the run time, press the arrow button repeatedly until the desired duration is displayed. To cancel the timer and turn off the device during operation, press the power button again. The time indicator light will automatically update to reflect the remaining time. In the final 60 seconds of the countdown, the 15-minute indicator will begin flashing. Pressing the power button during this period will restart the timer from the most recently selected duration. If the power button is not pressed during the final 60 seconds, the device will automatically turn off when the timer expires.

Maintenance Instructions	
<ul style="list-style-type: none"> There are no serviceable parts in this fitting. Clean the external surfaces with a damp cloth using a mild solution of detergent and warm water only, do not use aggressive cleaning products or solvents which may damage the product. This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist. 	

Specification			
Input Voltage:	230V AC 50Hz	Run Times:	15, 20, 30, 45, 60 or 120 minutes (6 options)
Switch Rating:	TT1001 30 Amp resistive	Operating Temperature:	0°C to +45°C
	TT1002 40 Amp resistive	Time accuracy:	± 2%
Contact Type:	Normally Open	Terminal capacity:	Maximum 10mm ²
Conformance:	EN 60730-2-7	Front projection:	15mm
Back Box Depth	47mm min.	Default Time setting:	45mins