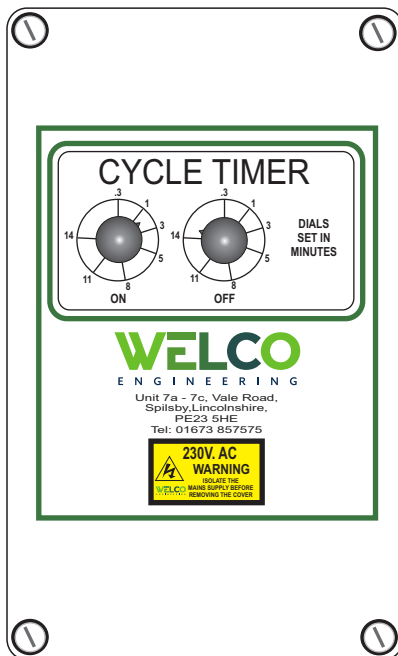


CYCLE TIMER

PLEASE READ IMPORTANT INFORMATION



Welco Engineering Ltd

Unit 7a - 7c, Vale Road,
Spilsby, Lincolnshire,
PE23 5HE
Tel: 01673 857575

HEALTH AND SAFETY AT WORK



**DANGER
ELECTRIC SHOCK RISK**

ELECTRIC DEVICES CAN CONSTITUTE A SAFETY HAZARD

It is the responsibility of the user to ensure that the installation and maintenance of the product are carried out in strict compliance with any relevant instructions, regulations, codes of practice or bylaws in force.

This equipment should only be installed and commissioned by appropriately qualified personnel who have read and fully understood this users manual. If in doubt contact your supplier or Welco Engineering Ltd. for technical advice.

Every care has been taken to ensure that the contents of this instruction booklet are accurate , however no liability is accepted for any consequence of its use.
The manufacturers reserve the right to revise the product specification and other technical features resulting from improvement and continual development.

CYCLE TIMER SPECIFICATIONS

Supply	230v 50hz -6% +10% 10va.
Time ON and OFF Periods.....	independently Adjustable Approx. 15sec. to 20 minutes
Output Relay.....	Single Pole Changeover.
Relay Contact Rating	5A 30v d.c. / 230v a.c.

DESCRIPTION

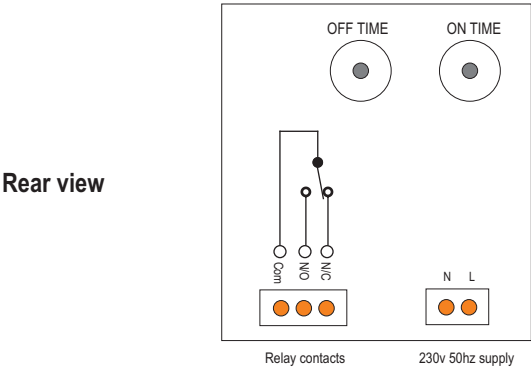
The Cycle Timer is a very simple unit to operate, as it only employs two potentiometers which are mounted on the front cover. The Cycle Timer designed and manufactured by Welco Engineering Ltd. Operates on a 230v 50 Hz supply a gives a timed cyclic operation of the output relay.

SETTING TIMES

In order to make any adjustments to the ON and OFF time periods, the CYCLE-TIMER is easily changed simply by adjusting the two potentiometers on the front cover marked ON and OFF to your desired time on the scale.

If the output relay is used to operate a contactor, it is strongly advised that a “snubber network” is connected across the contactor coil. $R = 100\Omega$ $C = 0.1\mu f$ These components are available from Welco Engineering Ltd

CONNECTIONS



RELAY CONTACT OPERATION

NORMALLY OPEN N/O

MINIMUM TIME	CONTACTS OPEN	MAXIMUM TIME	MINIMUM TIME	CONTACTS CLOSED	MAXIMUM TIME
15 SECONDS	UP TO	20 MINUTES	15 SECONDS	UP TO	20 MINUTES

NORMALLY CLOSED N/C

MINIMUM TIME	CONTACTS CLOSED	MAXIMUM TIME	MINIMUM TIME	CONTACTS OPEN	MAXIMUM TIME
15 SECONDS	UP TO	20 MINUTES	15 SECONDS	UP TO	20 MINUTES

Welco Engineering Ltd.

For over 40 year's Welco Engineering Ltd. have specialised in the design, manufacture and installation of state of the art electrical and electronic control systems and equipment for agriculture and industry.

The company offers large comprehensive range of standard manufactured products to satisfy the majority of environmental control requirements, and a service to build to customers specific requirements.

Welco Engineering Ltd., also offer a consultancy service, based on engineers considerable knowledge and expertise in resolving the many environmental problems associated with intensive livestock production units.

Welco PRODUCTRANGE

- ☐ Fan Speed Controllers.
- ☐ Automatic Fan Controllers with switched Heater Interlocks.
- ☐ Electronic Sequential fan Controllers.
- ☐ PRESCON 2 Digital Air-Pressure controller.
- ☐ Lighting Control Systems.
- ☐ Total Refurbishment Programmes.
- ☐ Maintenance Contracts.

Welco Engineering Ltd.

- ☐ **Welco MICROLIGHT**
"Dawn to Dusk" Controls
- ☐ High and Low Temperature Alarms
- ☐ Supply failure Alarms
- ☐ Alarm Monitoring Systems
- ☐ Magnetically Held Door Control Systems
- ☐ MICRO-STAT Digital Thermostat.
- ☐ MICRO-TIMER Digital Cycle Timer.
- ☐ Transducers, Sensors and Thermostats.
- ☐ Vent Drive Motors/ linear Actuators and Power Supplies
- ☐ STICK Microcomputer Total Environment Controller

For further details of any product or service please do not hesitate to contact us:-

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