

DESCRIPTION

The Timer Control Module (P/N C3-104) is a microprocessor-based, digital controller that provides an output on/off signal based on selected scheduler settings. Select the number of events per day, length of event, cycle window (hours during the day) and days of the week. The module is easy-to-read, easy-to-use and simple to install. It is housed in a robust, water tight housing with a sealed connector. The flexibility of the module matches functionality with application requirements.

DISPLAY

Large backlit display with 1/2" characters.



Manual Operation



Cycle Timer Armed



Display with Battery Voltage and Engine Hours



Back

OPERATION

Operation is simple. Upon initial set up, input the current date and time. From there simply select the following parameters:

- 1) Cycles per Day (# of events per day)
- 2) Run Duration (length of event)
- 3) Cycle Window (Ex. Operate from 9:00am to 5:00 pm only)
- 4) Days of the Week (Ex. Operate from Monday to Friday only)

EXAMPLE

- 1) Cycles per Day (8 Events per Day)
- 2) Run Duration (30 Minutes per Event)
- 3) Cycle Window (9:00am to 5:00pm Only)
- 4) Days of Week (Monday thru Friday Only)

SPECIFICATIONS

GENERAL

OPERATING VOLTAGE.....	5.5 VDC to 36 VDC
CURRENT CONSUMPTION AT 12.6V.....	150mA
CURRENT CONSUMPTION AT 12.6V (Sleep Mode).....	15mA
OPERATING TEMPERATURE.....	-20° C to +70° C
STORAGE TEMPERATURE.....	-30° C to +80° C
HUMIDITY.....	95% Non-condensing
REVERSE POLARITY PROTECTION.....	Yes
TRANSIENT VOLTAGE SUPPRESSION.....	Yes
LOAD DUMP PROTECTION.....	Yes
DISPLAY.....	LCD, 1"H X 4"W, (2 lines x 16 characters/line)
ENCLOSURE.....	Polycarbonate
OVERLAY/INTERFACE.....	Autotex Polyester
APPROX. WEIGHT.....	1.5 lbs
APPROX. DIMENSIONS.....	5.69"H x 6.57"W x 1.61"D

FLEX OUTPUTS

5A FORM A DRY CONTACTS.....	1
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CONNECTOR

TYCO AMPSEAL 14-PIN.....	ENVIRONMENTALLY SEALED
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OTHER

DISPLAY BACKLIGHT ADJUSTMENT.....	SELECTABLE
DISPLAY TEMPERATURE CONTRAST ADJUSTMENT.....	AUTOMATIC

Extreme Cold Weather Option

OPERATING TEMPERATURE.....	-45° C to +85° C
STORAGE TEMPERATURE.....	-55° C to +95° C

Day	12mid	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12noon	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Monday										█	█	█	█	█	█	█	█							
Tuesday										█	█	█	█	█	█	█	█							
Wednesday										█	█	█	█	█	█	█	█							
Thursday										█	█	█	█	█	█	█	█							
Friday										█	█	█	█	█	█	█	█							
Saturday																								
Sunday																								

Run Time █

Set Up Time
1:15pm
First Cycle
Starts at 2:00pm

← Cycle Window - 9:00am to 5:00pm →