



INSTALLATION, OPERATION & APPLICATION GUIDE

For more information on our complete range of American-made products – plus wiring diagrams, troubleshooting tips and more, visit us at www.icmcontrols.com



ICM-UFPT-2



ICM-UFPT-5

**NEW UNIVERSAL CONTROLS
VIA NFC TECHNOLOGY**



PURPOSE OF CONTROL

- Universal function programmable timer using NFC technology
- Operating Control Time Switch

FEATURES

- Universal input voltage 24 -240VAC
- Reduce truck stock inventory
- Compatible with over 85 legacy ICM timers
- NFC technology allows for the user to change timer application on the fly using a smart phone to set up all functionality of the timer including mode and delay time.
- Installation instructions, wiring diagrams, and timing diagrams conveniently displayed on the App
- Easy installation

Uses near field communication in conjunction with a smart phone App to allow the user to select from six different timer modes

- On delay
- Off delay (5-wire model only)
- Interval
- Anti-Short Cycle
- Repeat Cycle
- Single shot (5-wire model only)

SPECIFICATIONS

Electrical

- **Impulse Voltage:** 2500V

Input

- **Voltage:** 24-240 VAC
- **Frequency:** 50/60 Hz

Timing Modes

- Adjustable per app

Response Time

- 75 ms

NOTE: Any power lost during the first 0.5 to 3 seconds of operation will be ignored. (2-wire model only)

Action Type

- ICM-UFPT-2: Action Type 1.Q
- ICM-UFPT-5: Action Type 1.C.Q

Output

- **ICM-UFPT-5:**
 - 1A @ 240VAC (pilot duty)
 - 4FLA/4LRA @ 277VAC (AC motor)
 - 5A @ 277VAC (general use)
 - 8.75A @ 240VAC (resistive)
- **ICM-UFPT-2:**
 - 24-240VAC
 - Maximum 0.5A
 - Minimum 40mA

Dimensions

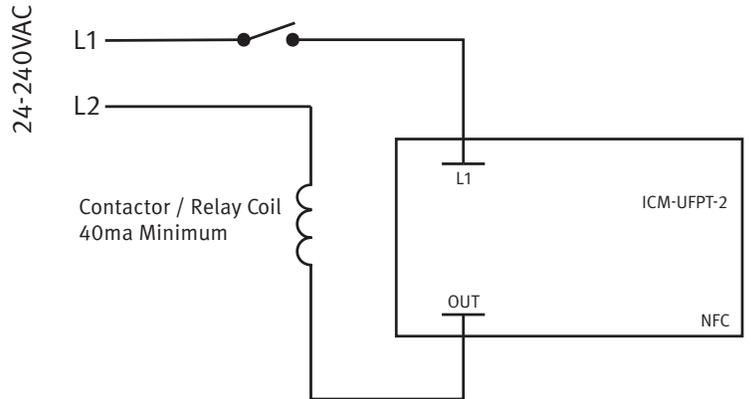
- 3" L X 2" W X 1" D

Environmental

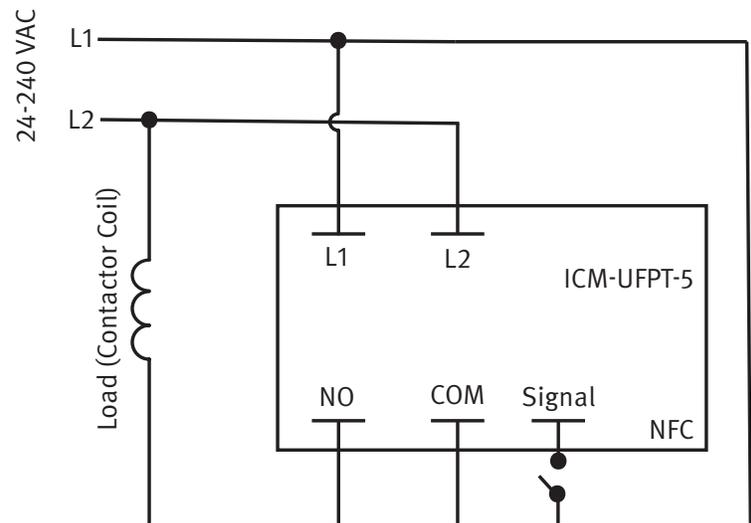
- Pollution Degree: 2

WIRING DIAGRAMS

2-WIRE



5-WIRE

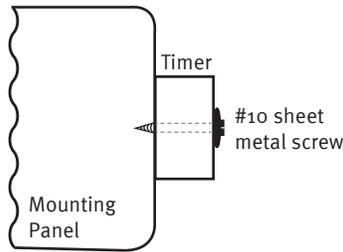


CONSTRUCTION OF CONTROL

- Independently Mounted Control for Panel Mount

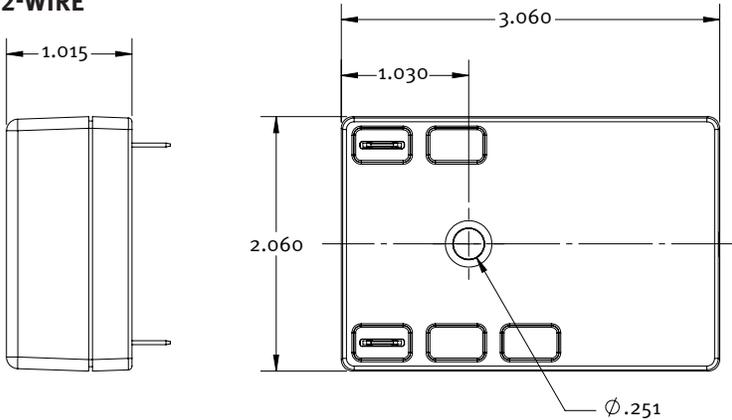
INSTALLATION AND MOUNTING

- Please use the provided wiring harness to wire the timer
- Install the control with a thread forming #10 sheet metal screw torqued to 14 in-lbs ± 2 in-lbs, through the center hole on the unit. The mounting surface is minimum 0.8 mm thick if steel, 1.2 mm thick if aluminum.

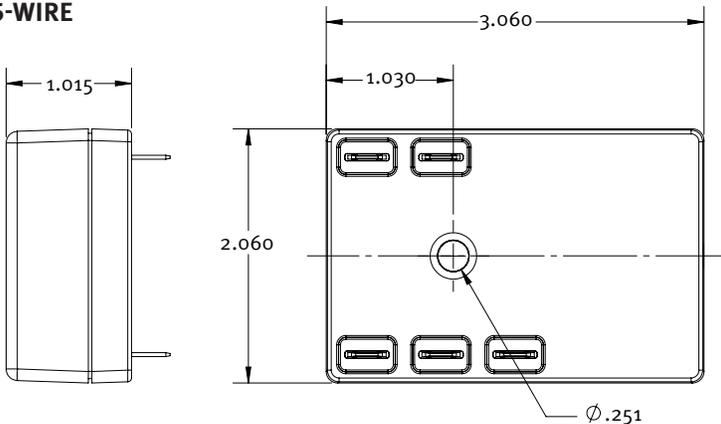


DIMENSIONS

2-WIRE



5-WIRE



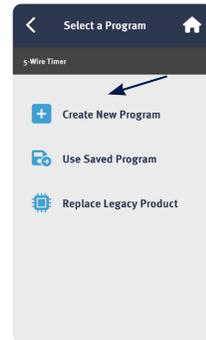
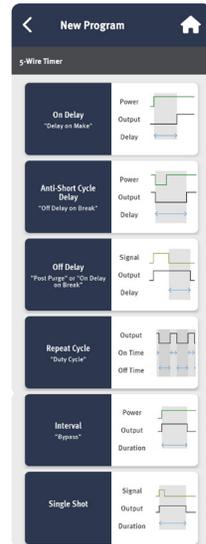
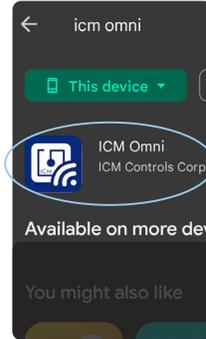
USING THE NFC TECHNOLOGY

Download the app

Locate and download the "ICM Omni" app from the Google Play Store or Apple Store.



NEW UNIVERSAL CONTROLS VIA NFC TECHNOLOGY



STEP 1 - Open the app and select Program Device

STEP 2 - Select a Device to Program

STEP 3 - Select a Program

Choose the option to create a new program or select a saved program.

STEP 4

Select each Parameter and Program while following the app.

• **On Delay**

• **Anti-Short Cycle Delay** – Optional On Delay

• **Off Delay** – Optional On Delay

• **Repeat Cycle** – Initial State On, On Time, Off Time, Optional Start Delay

• **Interval** – Duration

• **Single Shot** – Duration

Examples:

Anti-Short Cycle Delay - 2-wire Repeat Cycle - 5-wire



STEP 5 - Programming Your Device

Hold your phone near your ICM device. The check mark shows complete.



Reading Your Device

From the Home Screen, tap on Read Device.



Read Device Program

Hold your phone near your ICM device. The check mark shows complete.

