Manuals+ — User Manuals Simplified.

ICM CONTROLS ICM-UFPT-2 Universal Function Programmable Timers User Guide

ICM-UFPT-2 & ICM-UFPT-5
Universal Function Programmable Timers

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 timerincluding 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
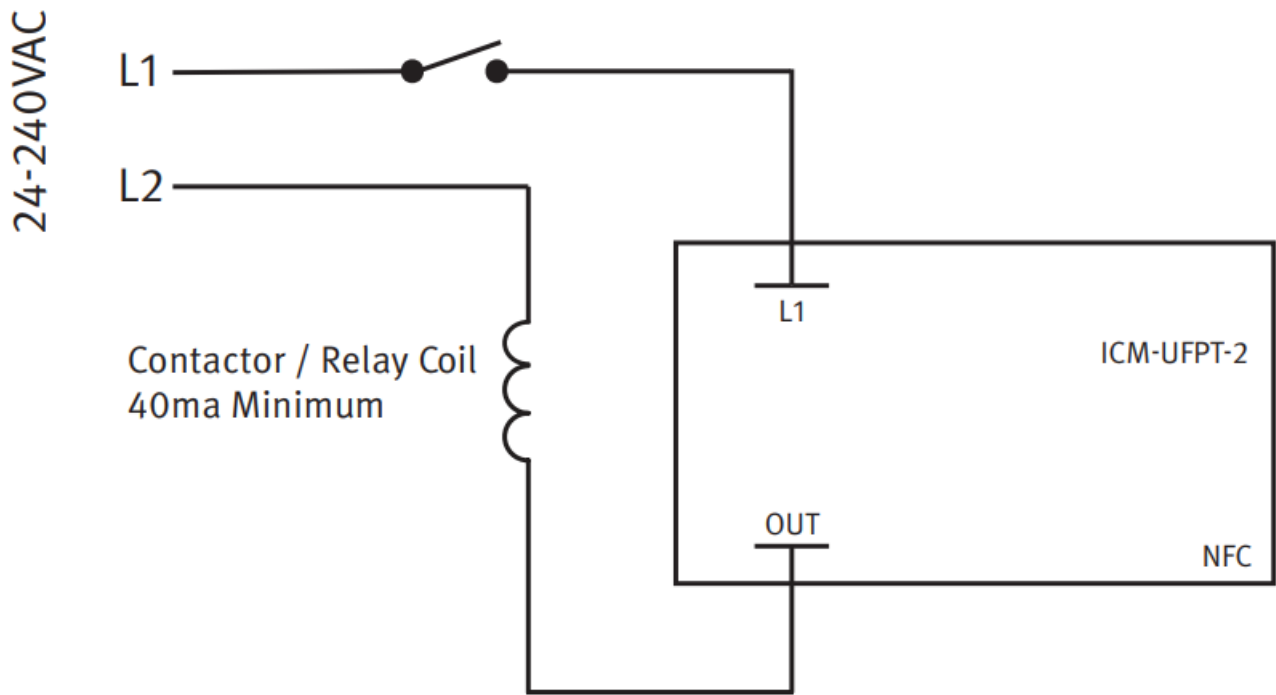 – Maximum 0.5A
  – Minimum 40mA

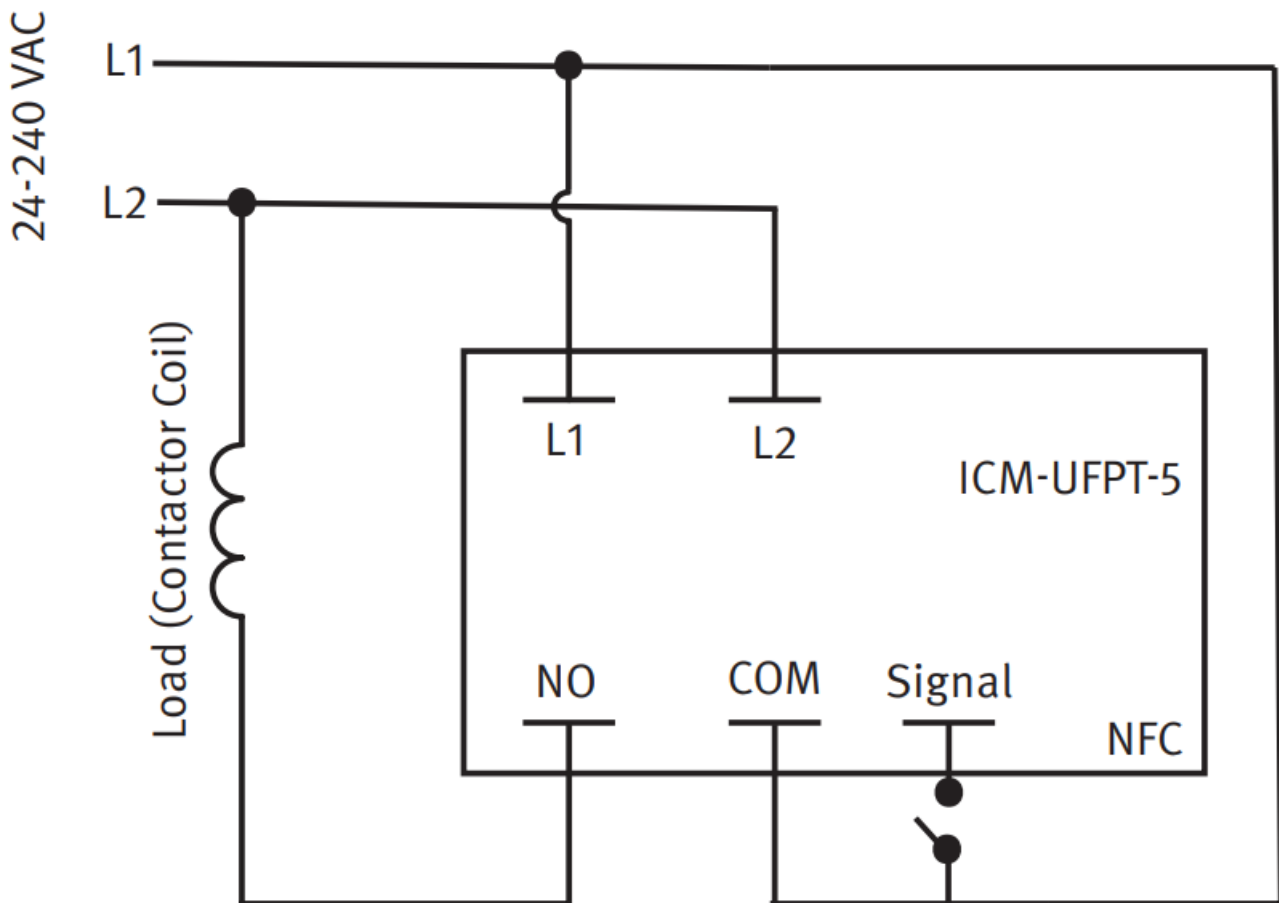**Dimensions**

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

Environmental

- Pollution Degree: 2

WIRING DIAGRAMS

2-WIRE

24-240VAC

L1

L2

Contactor / Relay Coil
40ma Minimum

L1

ICM-UFPT-2

OUT

NFC

5-WIRE

24-240 VAC

L1

L2

Load (Contactor Coil)

L1   L2

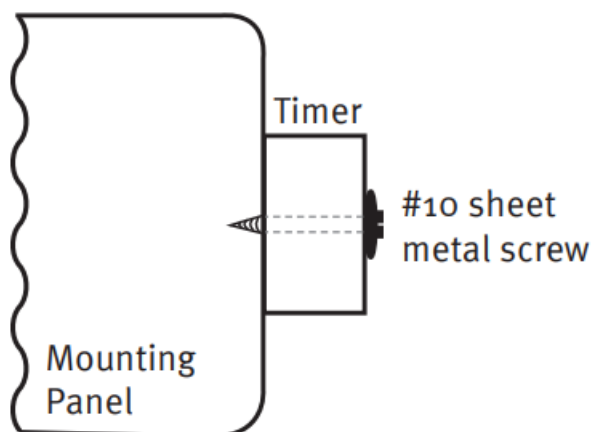ICM-UFPT-5

NO   COM   Signal

NFC

CONSTRUCTION OF CONTROL
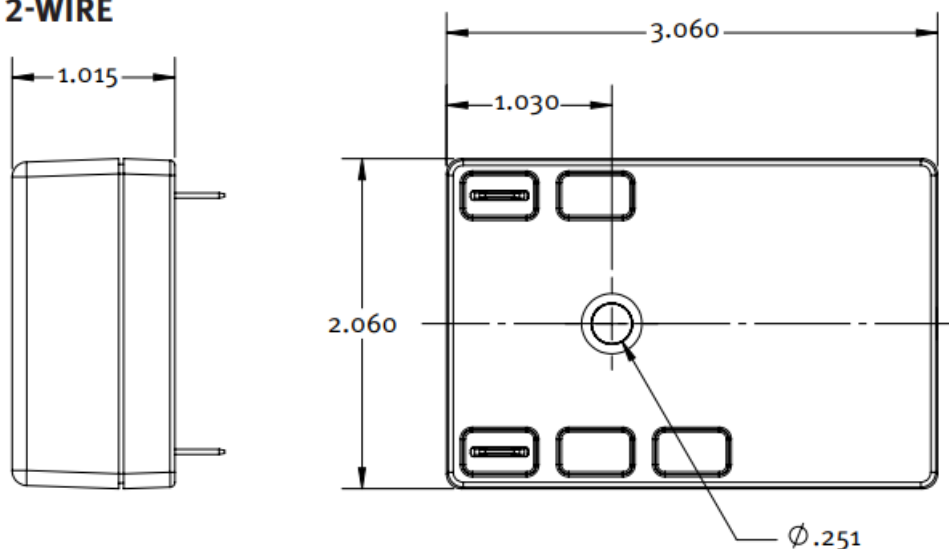
- Independently Mounted Control for Panel Mount

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.
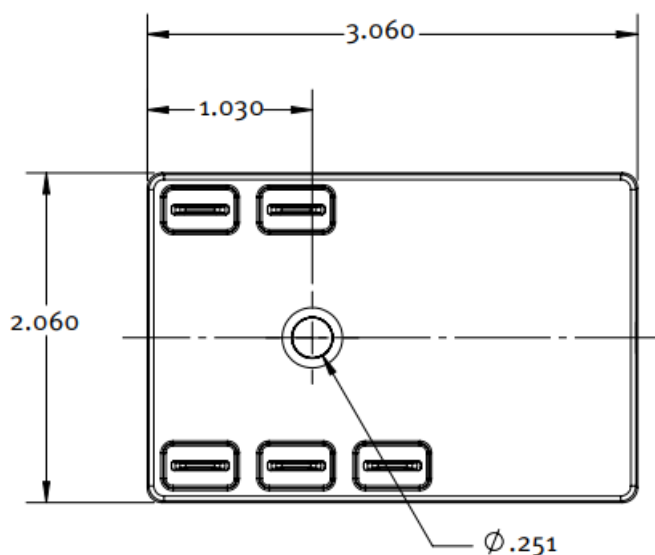

DIMENSIONS

2-WIRE

5-WIRE

Reading Your Device
From the Home Screen, tap on Read Device.

Read Device Program
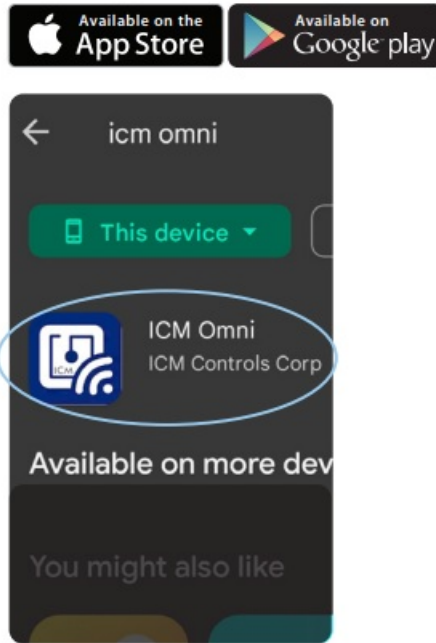Hold your phone near your ICM device. The checkmark shows complete.

USING THE NFC TECHNOLOGY

STEP 1 – Download the app Locate and download the "ICM Omni" app from the Google Play Store or Apple Store.
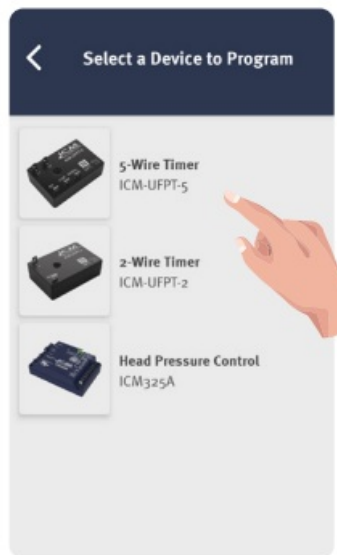

NEW UNIVERSAL CONTROLS VIA NFC TECHNOLOGY

STEP 2 –
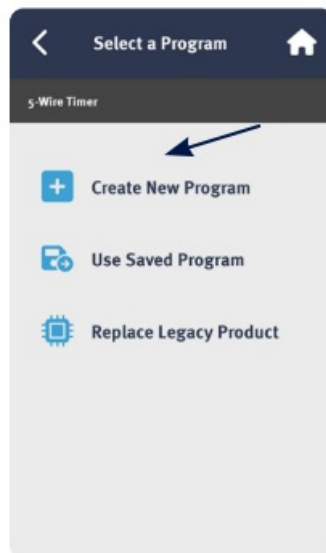Open the app and select Program Device

STEP 3 –
Select a Device to Program

STEP 4 –
Select a Program
Choose the option to create a new program or select asaved program.
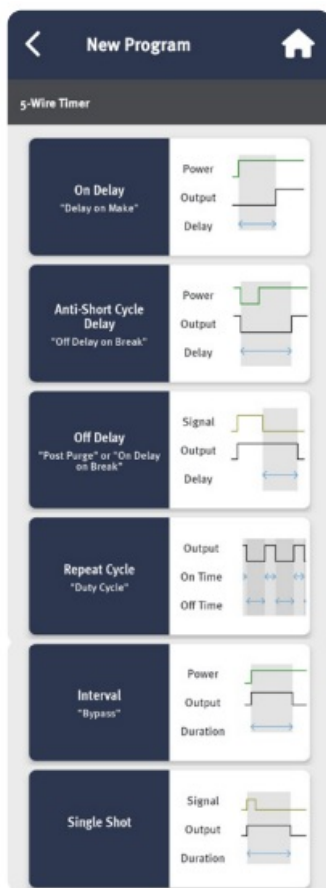

STEPS 5 – 10
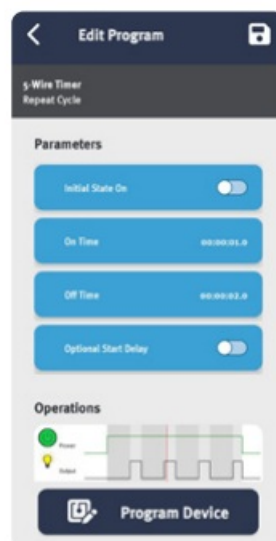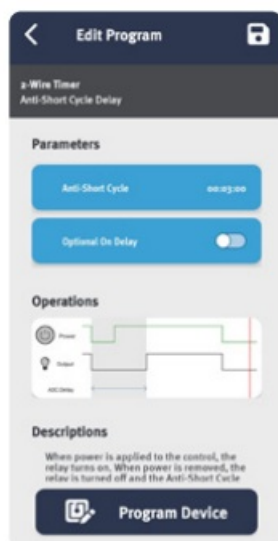Select each Parameter and Program while following the app.

- 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:
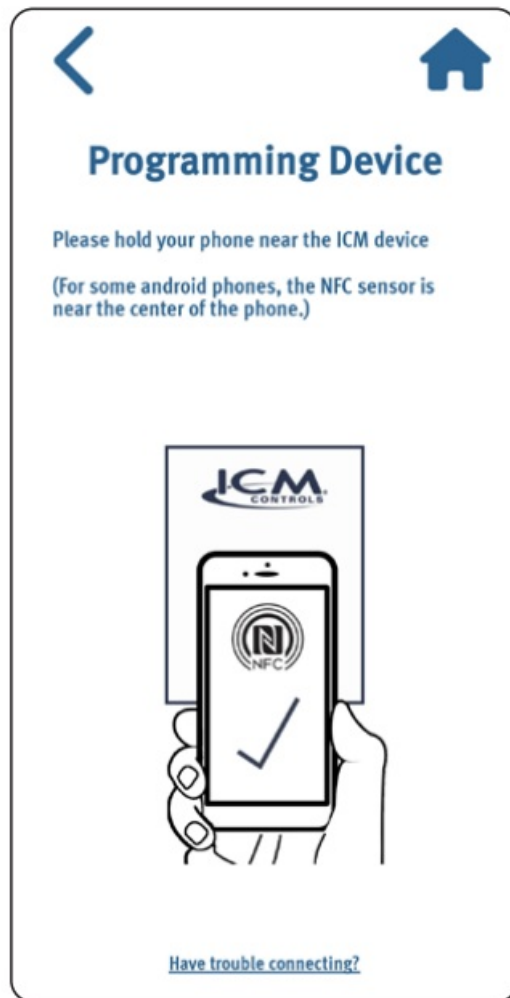Anti-Short
Cycle Delay –
2-wire

Repeat Cycle
– 5-wire

STEP 11 – Programming Your Device
Hold your phone near your ICM device.
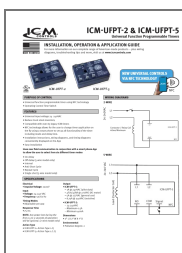The check mark shows complete.

Programming Device

Please hold your phone near the ICM device

(For some android phones, the NFC sensor is near the center of the phone.)

Have trouble connecting?

7313 William Barry Blvd., North Syracuse, NY 13212
www.icmcontrols.com
800.365.5525
LIAF326

Documents / Resources

ICM CONTROLS ICM-UFPT-2 Universal Function Programmable Timers [pdf] User Guide
ICM-UFPT-2 Universal Function Programmable Timers, ICM-UFPT-2, Universal Function Programmable Timers, Function Programmable Timers, Programmable Timers

References

- ICM **ICM Controls| ISO certified Electronics Manufacturing Company**