

CONGRATULATIONS ON YOUR PURCHASE of the MIGRO® Mi-Fi Smart Switch

The MIGRO® Mi-Fi Smart Controller is designed for use in various applications. The Controller is rated for 120VAC or 240VAC systems with up to 30 AMP Loads. Through the Mobile application the controller can be managed by the user, schedules and it is also compatible with most IoT systems including, Google Home, Alexa, and IFTTT. Applications can vary from home automation to commercial/industrial controls.



ELECTRICAL SAFETY: System shall be installed and used in accordance with local electrical codes and regulations

Installation Instructions

Your Wi-Fi control system must be installed and maintained as described in this guide to ensure reliable and safe operation. Confirm the voltage and current draw of your connected load to the control output is consistent with the design specifications of this product and that your application will not exceed the maximum load capacity listed.

System Features

Wi-Fi ENABLED CONTROLS

Use mobile apps as well as Google and Alexa to your system on/off or scheduling

MANUAL ON MODE

"Manual ON" mode will give you the ability to run your system regardless of the Wi-Fi control status.

BEYOND SCHEDULING

Use the Google, Alexa and IFTTT capabilities to control your systems by weather, workflow Geo-fencing, and others.

OVERRIDE OFF MODE

This mode provides users with great safety protection. The OFF mode will remain OFF regardless of Wi-Fi controls.

Additional Data:

Power Supply: 100~250VAC

Relay: DPST

Security: WEP/WPA-PSK/WPA2-PSK

FCC Part 15 IEEE 802.11 b/g/n

Wi-Fi Frequency: 2.412-2.48GHz

System Details



ON/OFF/ Wi-Fi

Selectable operation modes:

- Manual ON
- Override OFF
- Wi-Fi Auto

Equipment Status:

Green LED turns ON when equipment is running

Wi-Fi Connection Status

Wi-Fi Pairing

Push button used for initial Wi-Fi Setup

Weather Proof

NEMA 4 Outdoor Rated Enclosure

Terminal Connectors

Industrial Grade terminal blocks for 100-250VAC power input and load connections

Contact Load Ratings

| | |
|----------------------------|--|
| Contact resistance | 100mΩ |
| Contact Material | Silver alloy: AgCdO, AgSnO ₂ , AgNi |
| Contact Rating (Inductive) | 1HP/16A/120VAC 20A/250VAC |
| Contact Rating (Resistive) | 30A/250VAC |
| Max switching voltage | 250VAC |
| Max switching current | 30A |
| Max switching power | 7200VA |

Find other Wireless Control Solutions at www.MIGRO.com as well as compatible accessories

© MIGRO WIRELESS SOLUTIONS 01/2020

MIGRO[®]

Mi-Fi Smart Switch

ATTENTION !!!

Connect to Wi-Fi Network Indoors Prior to Installation

Ensuring your The MIGRO[®] Mi-Fi Smart Switch is functioning prior to field installation is required by the manufacturer. Environmental and application specific conditions may cause communication error and manufacturer. Environmental and application specific conditions may cause communication error and a bench test will ensure that the equipment is functioning properly. Connect a 120 or 240VAC Power Supply to the System and perform the pairing steps to ensure connection. (see pairing instructions)

WARNING: Shut off power at the fuse box or circuit breaker before performing any wiring or installation

Installation Instructions

1 CONDUIT FITTING

Install the Conduit Fitting provided (or one provided by others) in the desired location ensuring wire clearance within the enclosure.

2 ANTENNA

Install the Antenna provided on to the threaded connector located on the outside of the enclosure.

3 MOUNT TO DESIRED LOCATION

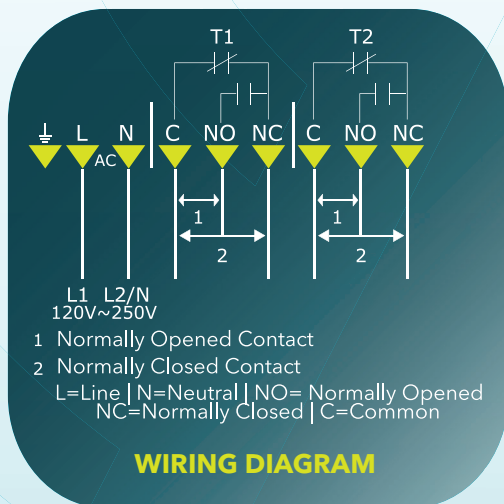
Place and mount the enclosure to your desired location using the supplied hardware. The brackets are to be mounted to the back exterior of the enclosure with the wall flanges facing out. (See Image 1)

4 WIRE THE SYSTEM

Wire in accordance with the national and local electrical codes (see wiring diagram). After wiring is complete, turn circuit power on and test your MIGRO[®] Mi-Fi Switch.



IMAGE 1. Mounting Hardware



PAIRING TO WI-FI NETWORK

To Connect your MIGRO[®] Mi-Fi Smart Switch to your app and Wi-Fi Network, please refer to the eWelink instructions or Scan the QR Code below.



Scan for
INSTRUCTIONS

TIPS

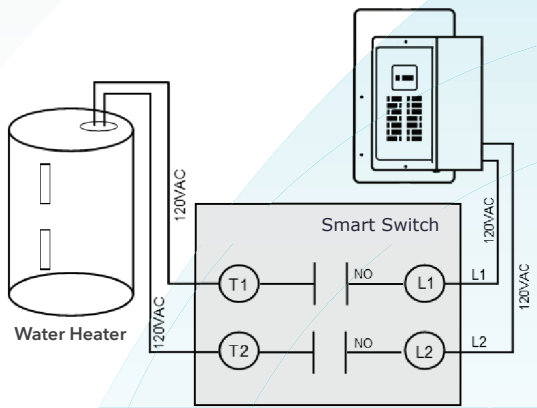
- Install the antenna as high as possible, clear from obstructions or metal structures.
- Ensure that your WiFi Router is placed as high as possible to maximize range and coverage.

Find other Wireless Control Solutions at www.MIGRO.com as well as compatible accessories

© MIGRO WIRELESS SOLUTIONS 01/2020



MIGRO[®] Mi-Fi Outdoor Smart Controller



110/120VAC Sample Wiring









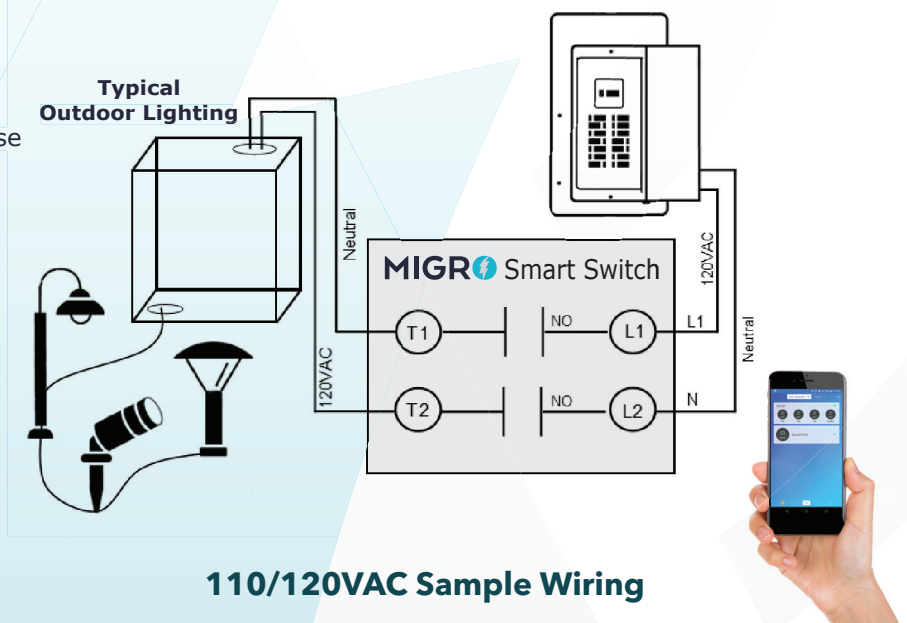
Sample Applications



MIGRO[®] MiFi Smart Switch Compatible System via eWelink

Try connecting your Smart Controller to these Compatible sys

-  Amazon Alexa
-  Google Home
-  Google Nest
-  IFTTT Connections
-  Weather Underground
-  Microsoft Cortana



110/120VAC Sample Wiring