



SWITCH/DIMMER
COMPATIBILITY



In-Wall Manageable Switch/Dimmer

Models: mFi-LD, mFi-LD-W

Compatibility Information and Requirements:

- Depth Requirement
- Neutral Wire Requirement
- Bulb Requirements



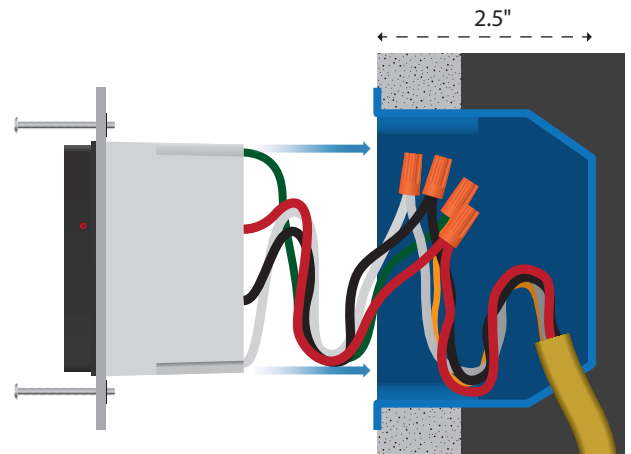
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Requirements

❑ Depth Requirement

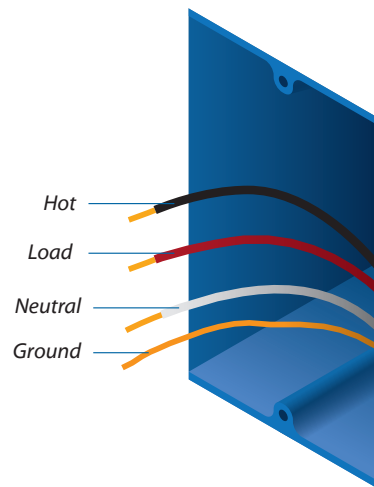
The depth is dependent on how many other wires are in the box and the wire gauge but boxes at least 2.5" (63.5 mm) deep are usually sufficient.

Do not over-tighten or rely on the force of the screws to pull the mFi Switch/Dimmer into the wall box. If the wall box does not have enough room to accommodate the mFi Switch/Dimmer and the wiring, replace the wall box with a deeper or wider box. Smaller wire nuts can be used if needed.

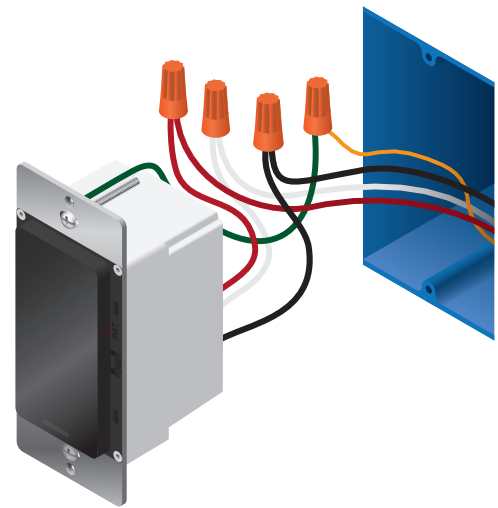


❑ Neutral Wire Requirement

There should be three wires and a ground wire. If there is no neutral wire, run a new circuit containing a neutral line. Note: Wiring colors may be different from the illustrations.



Electrical Switch Wall Box



❑ Bulb Requirements

When configured for dimmer mode, only use incandescent, halogen, dimmable CFL, or dimmable LED bulbs.



Incandescent



Halogen



Dimmable CFL



Dimmable LED

Currently multi-way switching/dimming is not available. A software solution is planned for the future.

Specifications

In-Wall Manageable Switch/Dimmer

mFi-LD, mFi-LD-W	
Dimensions	110.8 x 71.0 x 67.7 mm (4.32 x 2.8 x 2.67")
Weight (without Wall Plate)	150 g (5.3 oz)
Electrical Rating	110 - 125VAC, 60 Hz
Maximum Power Load	15A in Switch Mode 5A in Dimmer Mode*
Wires	Line, Neutral, Load, and Ground
Wall Plate	Removable
Interface	Status LED Initialize Button Air Gap Switch
LED	Yellow/Blue
Wi-Fi	802.11b/g/n
Functions	Switch or Dimmer Mode Energy Monitoring
ESD/EMP Protection	Air: ± 8KV, Contact: ± 4KV
Operating Temperature	0 to 40° C (32 to 104° F)
Operating Humidity	10 to 95% Noncondensing
Shock and Vibration	-40° C, 2 Hrs / +85° C, 2 Hrs, 5 Cycles
Safety	UL Listed

*Wattage

Type	Electrical Rating
2-Way, Single-Gang	110 - 125VAC, 50/60 Hz, 625W
3-Way, Double-Gang	110 - 125VAC, 50/60 Hz, 525W
4-Way, Triple-Gang	110 - 125VAC, 50/60 Hz, 425W

mFi-LD



mFi-LD-W



Back View



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