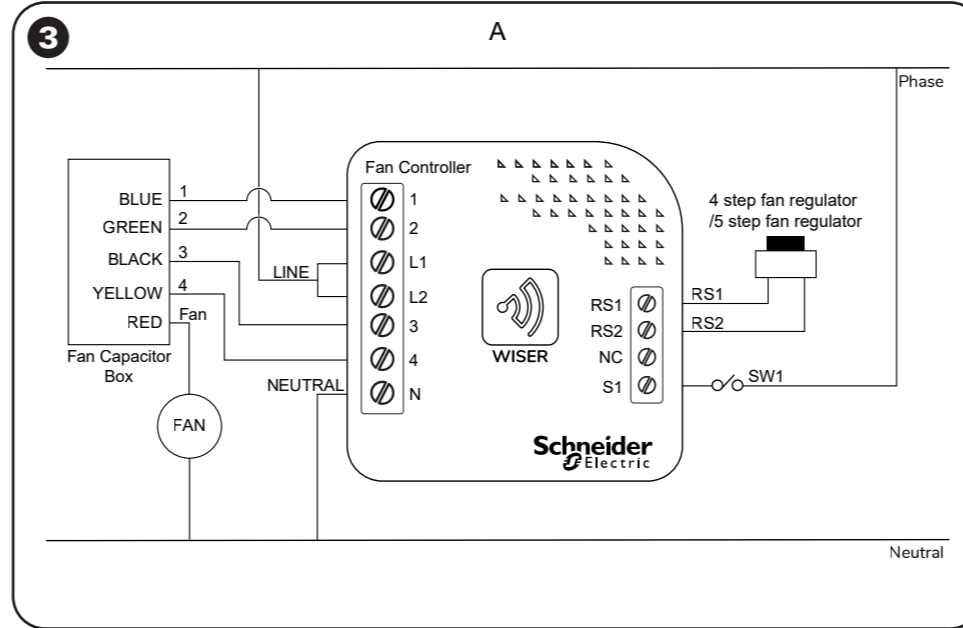
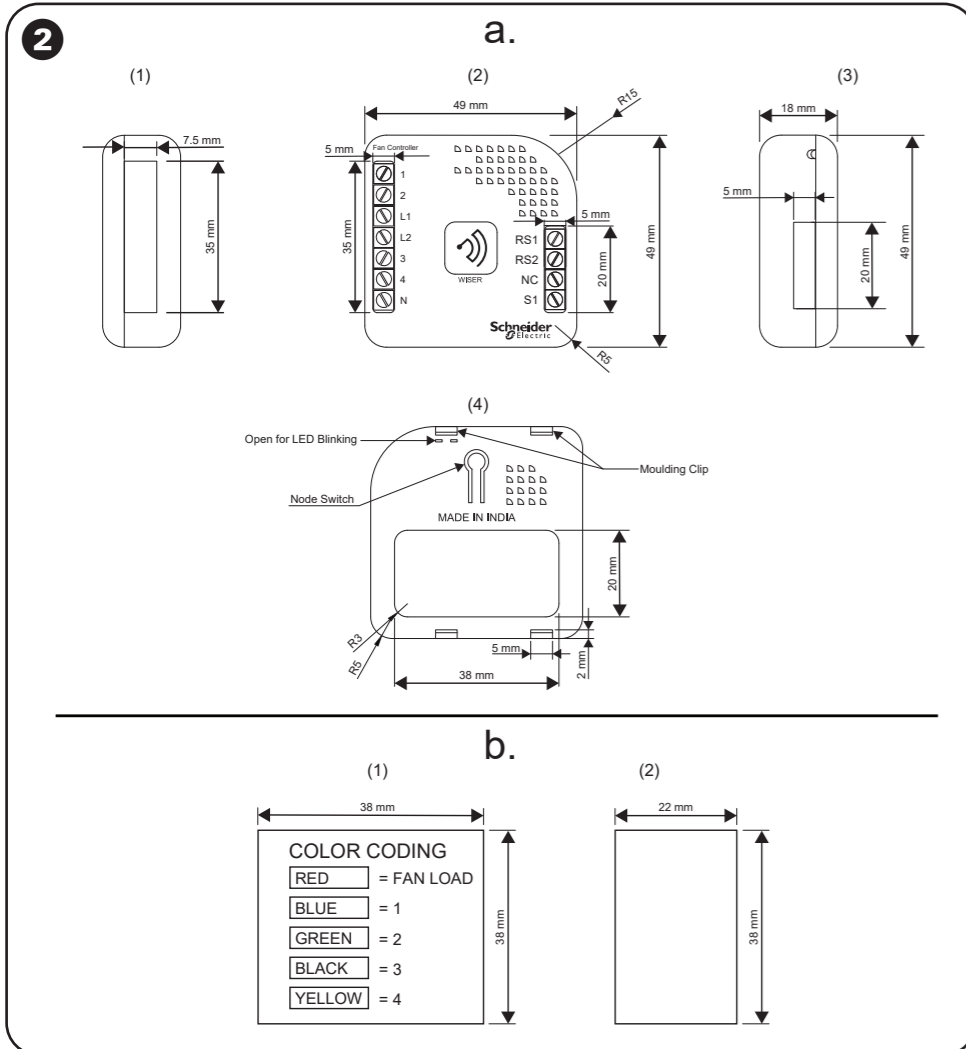
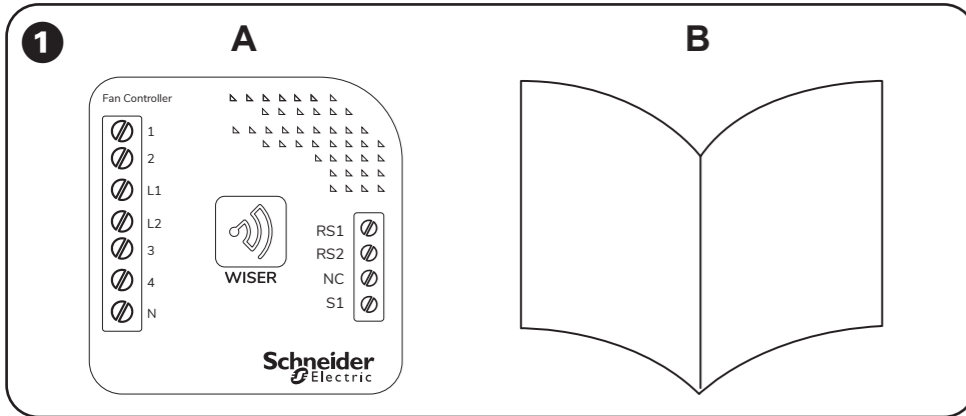


IH1200010F



en Fan Speed Controller

About this product

Fan speed controller is a miniature micro module which is remotely controlled and designed to operate in AC mains. This device enables 4/5 step fan speed control. The fan speed is controlled by mobile app or fan regulator. The fan controller also operates as a repeater within the Z-Wave network it is associated, and uses the latest Z-Wave plus chip.

1 Package contents

- A Fan Controller
- B Installation Guide

2 Dimensions

a. Fan Controller Module

- (1) Left Side View
- (2) Front View
- (3) Right Side View
- (4) Back View

b. Capacitor

- (1) Front View
- (2) Side View

3 Wiring diagram and electrical connections

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Turn off the power supply before installation or servicing the device.
- Ensure that the product has been correctly installed and tested for safe operation before reconnecting the electrical supply.

Failure to follow these instructions will result in death or serious injury.

Connection diagram for:

- A 4-Step Fan regulator/5-Step Fan regulator

Installing the product

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Turn off the power supply before installation or servicing the device.
- Remove the switch board cover frame and the switch frame to access the switches.
- Select the loads to be connected on particular terminals.
- Use only minimum 1 mm² wires and maximum 1.5 mm² wires for connections.
- This device requires a neutral lead to operate. The below wiring diagrams explain the possible combinations that are available.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EQUIPMENT DAMAGE

- Wear standard personal protection equipment to give protection to the installer.
- Position the antenna far away from metal elements to avoid interference. Do not cut or shorten the antenna, as its length is matched to the band in which the system operates.
- Do not overtighten the terminal block. It can cause serious malfunctions after installations.

Failure to follow these instructions can result in equipment damage.

Activating the Device

1. Installing the device.

- Make sure that the power supply mains is turned off.
- Connect the device in accordance with the wiring diagram.
- Connect the Phase, Neutral, Capacitor circuit (1, 2, 3, 4).
- Connect RS1 & RS2 for as regulator & S1 for On/off switch.
- Complete all the connections and check the pairing before sealing the electrical box.

2. Managing the device through Z-Wave network.

- Place the micro module within 3 meters line of sight, as adding mode requires direct communication with the controller.
- Move the module near to the primary controller during this step.
- Press the pairing button (at the back of the module), to start pairing to the gateway (or) Toggle SW1 3 times within 4 seconds to start

paring to the gateway (Sequence: ON-OFF ON-OFF ON-OFF)

- Press the pairing Button once you get the trigger device on app

3. Resetting the device.

For resetting the micro module, press and hold the reset switch behind the module for 5-10 seconds and remove the device from the gateway.

NOTE: It is only compatible with 4 and 5 step Fan speed regulators. BLDC / Normal Fan can be regulated by Fan Speed Control Module. Fan IR remote operation adjustments will be adapted on Wiser India App.

LED Indications	
LED Indication	Status
Red blinking	Excluded
Green blinking	Included/Paired
Red and Green appear	In Pairing mode

4. Controlling by toggle switches.

RS1, RS2, are controlled by fan regulator or S1 is connected by Toggle switch.

5. Parameters.

NOTE: All the parameter to be set in Configuration→Decimal→1 Byte→Set

Function	Parameter	Value
Step 1 Regulator leaning	1	1- Learning
		0 - Default
Step 2 Regulator leaning	2	1- Learning
		0 - Default
Step 3 Regulator leaning	3	1- Learning
		0 - Default
Step 4 Regulator leaning	4	1- Learning
		0 - Default
4 Step /5 Step Regulator Selection	5	5 - 5 Step Regulator
		4 - 4 Step Regulator is by Default

TIP: For Better Performance Learn the fan Regulator by setting the parameters.

For example, Manually keep the Regulator Speed level to 1 then set the Parameter : 1; Range : 1

Follow the same steps for all the Speed Levels.

For a 4 step Regulator Set the parameter 1-3 & Parameter No 5 as value 4

For a 5 step Regulator Set the parameter 1-4 & Parameter No 5 as value 5

Technical data

Power input	240 V AC, 50/60 Hz
Maximum Fan Load	120 W (1 Fan per module)
Power consumption	< 0.5 W (No load) < 0.9 W (load)
Operating temperature	-10 to +35 °C
Relative humidity	8 - 80 RH
Dimensions	49mm x 49mm x 18mm
RF frequency	865.22 MHz for IN
Load type	Fans
Surge protection	2KV
Typical line of sight range	Up to 20 m In open area Indoor** Up to 30 m In open area Outdoor**
Gateway height	3 to 5 ft from the ground
Plastic housing	Fire retardant ABS
IP Rating	IP20
RoHS/ REACH	Components are RoHS and REACH certified
Maximum Fixing Screw Torque	0.4 Nm (3.5 Lb-In)
Terminal Sizes / Number	7 left side and 4 right side
Size & Type of Cable	Copper 1.5mm ²
Fan Type	Ceiling Fan & BLDC

Warranty

- Standard warranty of 18 months from the date of supply is applicable for all products.
- The manufacturer shall not be liable for damages to the property that is caused by defective device.
- The manufacturer shall not be liable for indirect, incidental, special, consequential or punitive damages, or for any damages, including, inter alia, loss of profits, savings, data, loss of benefits, claims by third parties and any property damage or personal injuries arising from or related to the use of the device.

The warranty shall not cover:

- Mechanical damages caused by impact, falling or dropping the device or their object, unauthorized use or not observing the Operation Manual.
- Damages resulting from external causes, for example: flood, storm, fire, lightning, natural disasters, earthquakes, war, civil disturbance, force majeure, unforeseen accidents, theft, water damage, liquid leakage, battery spill, weather conditions, sunlight, sand, moisture, high or low temperature, and air pollution.
- Damages resulting from surges in the power and/or telecommunication network, improper connection to the grid in a manner inconsistent with the operating manual, or from connecting other devices not recommended by the manufacturer.
- Damages resulting from the use of spurious spare parts or accessories improper for given model, repairing and introducing alterations by unauthorized persons.
- Defects caused by operating inoperable device or accessories.

Customer Care

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