HCM360-WIFI-IR

8 Relays & 8 DIs Controller, WIFI & IR Control

HCM360-WIFI-IR is an integrated device that enables implementation of automation scenarios for new buildings and refurbishments (lighting, fan-coil control, heaters, curtains, security systems, locks, sensors, IR control etc.)

HCM360-WIFI-IR can be used for hotel guestroom automation as well as home/office automation systems. Availability of several inputs, outputs and WiFi makes this device flexible for electronic control systems.

Modbus and Infrared controls help integration with other devices.

Product Specification

Product Name	**HCM**360-WIFI-IR
Power supply	DC 24V ± 20% 0.5A
Relay outputs	4 x NO + NC and 4x NO relays (relays are 16A rated)
Digital inputs	8 inputs
RS-485 Interface	4 ports
Network	WiFi 802.11 b/g/n
Infrared Control	Output for Air Conditioner or TV control
Dimensions (W x H x D)	158 x 86 x 60 mm
Case material	Plastic DIN Rail mounting
Operating Temperature Range	0 °C...+45 °C
Storage & Transportation Temperature	-10 °C...+70 °C
Maximum Air Humidity	90%
Protection Level	IP20

Product Features

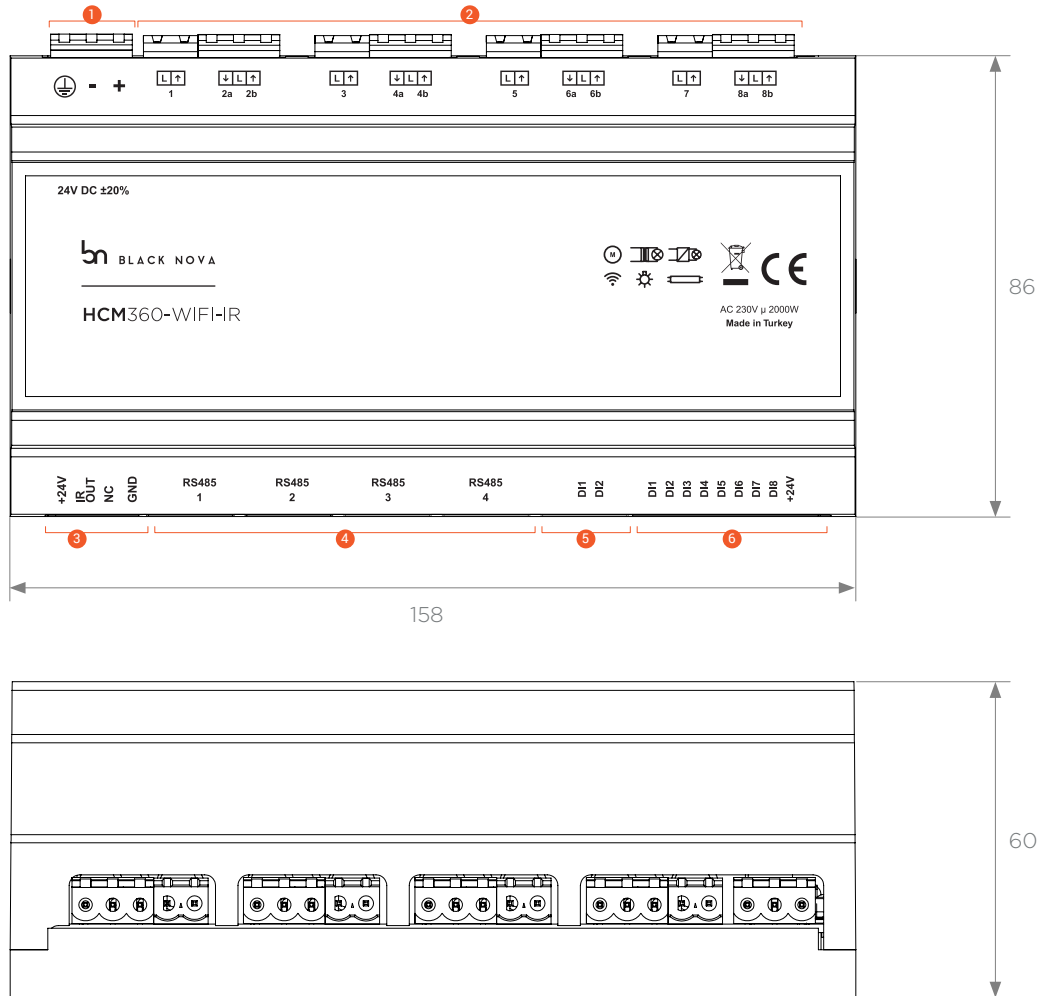| |
|---|
| Web interface to configure, monitor and control the controller and connected devices |
| Complex scenarios such as welcome, occupancy, controls of switching of lights/electrical sockets, actuators, fan coil units, HVAC and more |
| Compatible with various security and energy saving sensors (fire, smoke, heat, gas, water/flood, laser sensors, magnetic door/window switches etc) |
| RS-485 (Modbus RTU/ASCII) |
| IR for TV, A/C, audio volume, etc. |
| Built-in real time clock and back-up battery to restore status at power cut-off and date/time based events |
| Over voltage protection |
| WiFi (Modbus TCP, HTTP) |
| Update firmware via WiFi and RS485 |

BLACK NOVA

HCM360-WIFI-IR

8 Relays & 8 DIs Controller, WIFI & IR Control

Product Dimensions and Functions

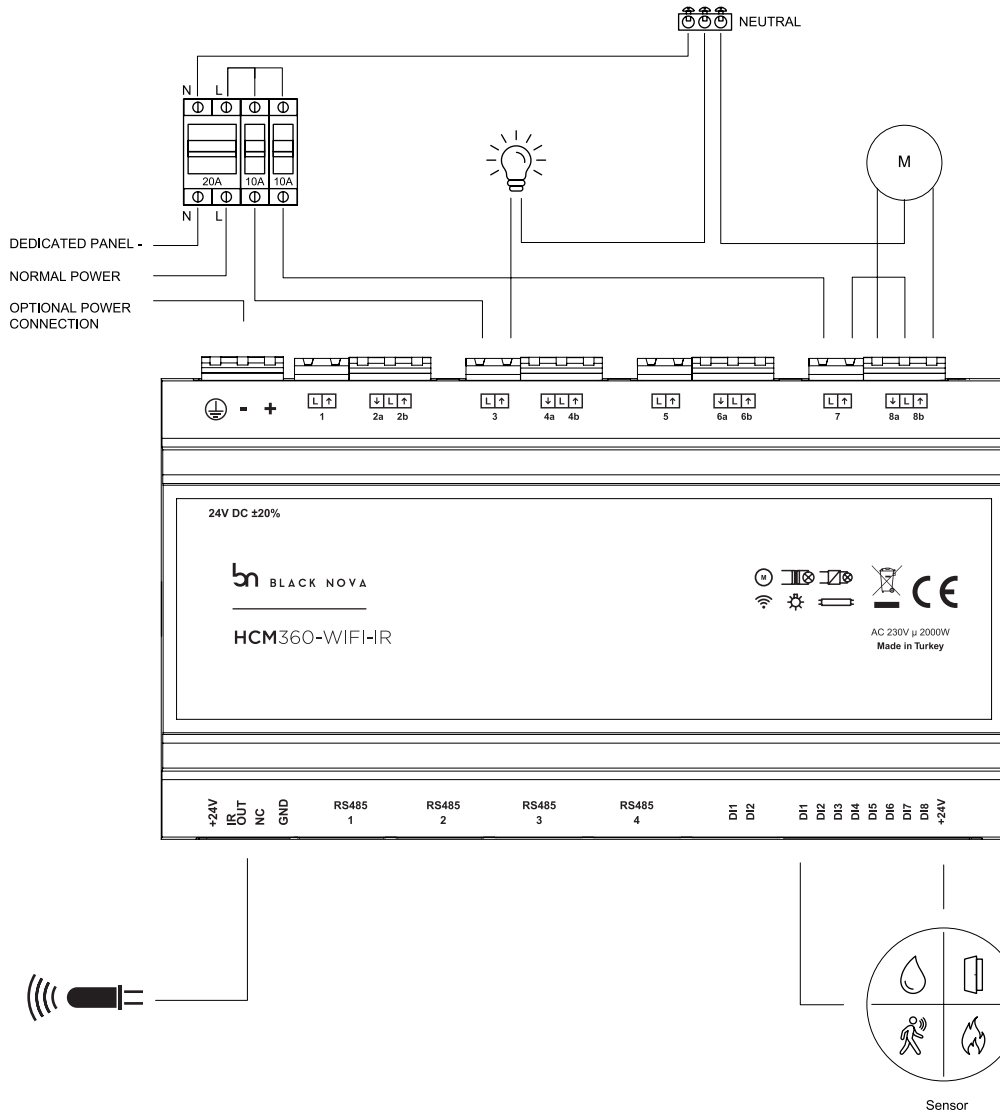Top & Side views (mm) (as mounted on the DIN Rail)

24V DC ±20%

BLACK NOVA

HCM360-WIFI-IR

AC 230V µ 2000W
Made in Turkey

86

158

60

1   Power Connector

2   Digital Outputs 1..8

3   Infrared Control

4   RS485 Channels 1..4

5   Digital Inputs 1-2 (RJ45 Connector)

6   Digital Inputs 1..8

BLACK NOVA

HCM360-WIFI-IR

8 Relays & 8 DIs Controller, WIFI & IR Control

Wiring Diagram

Loading Type

Fancoil Unit	Relay 1-8
Lighting	Relay 1-8
Curtain	Relay 1-8

• Warning: non proper connection will void warranty and may damage the device.