

HCM360-12A

12 Relays & 12 AOs Controller

HCM360-12A is a highly integrated device that enables implementation of most of automation scenarios for new buildings and refurbishments (lighting, air conditioners, heaters, DND/MUR, security systems, locks, sensors etc).

HCM360-12A can be used in smart space applications, where 0.7-10V and PWM outputs are utilized.



Product Specification

Product Name	HCM360-12A
Power supply	DC 24V ± 20% 0.5A
Relay outputs	12 x NO relays
Analog outputs	12 x PWM/ IR / 0,7-10V Sink/Source Analog outputs
Operating Temperature Range	0 °C...+45 °C
Storage & Transportation Temperature	-10 °C...+70 °C
Maximum Air Humidity	90%
Case material	Plastic DIN Rail mounting
Dimensions (W x H x D)	158 x 86 x 60 mm
RS-485 Interface (Modbus)	1 channel
UART Interface	TTL Level
Protection Level	IP 20

Product Features

Complex scenarios such as controls of switching of lights/electrical sockets, actuators, fan coil units, HVAC and more

Scenario enables complex if/then scenarios

RS-485 (Modbus RTU/ASCII)

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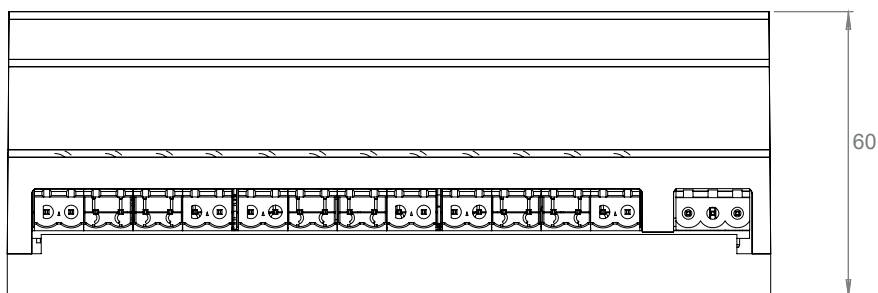
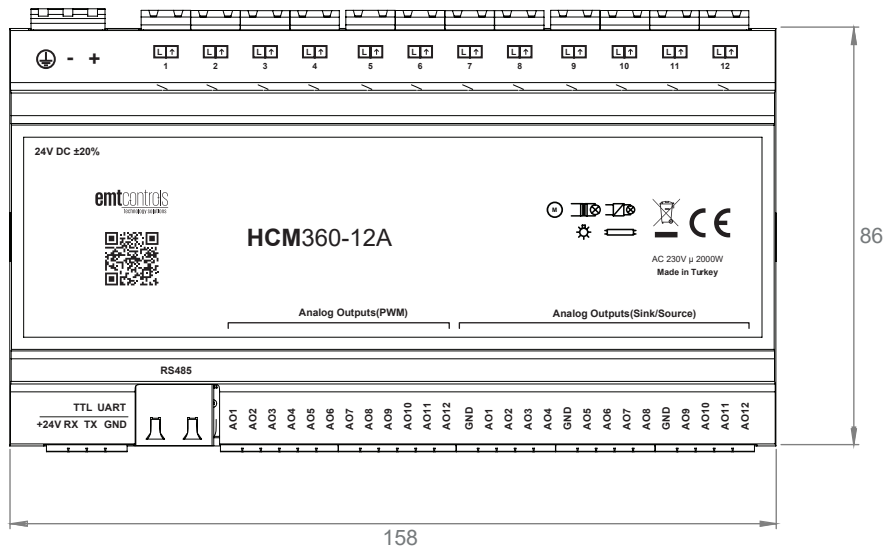
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Installation

Independent device to be mounted inside distribution boxes or electrical panels.

Connection Diagram

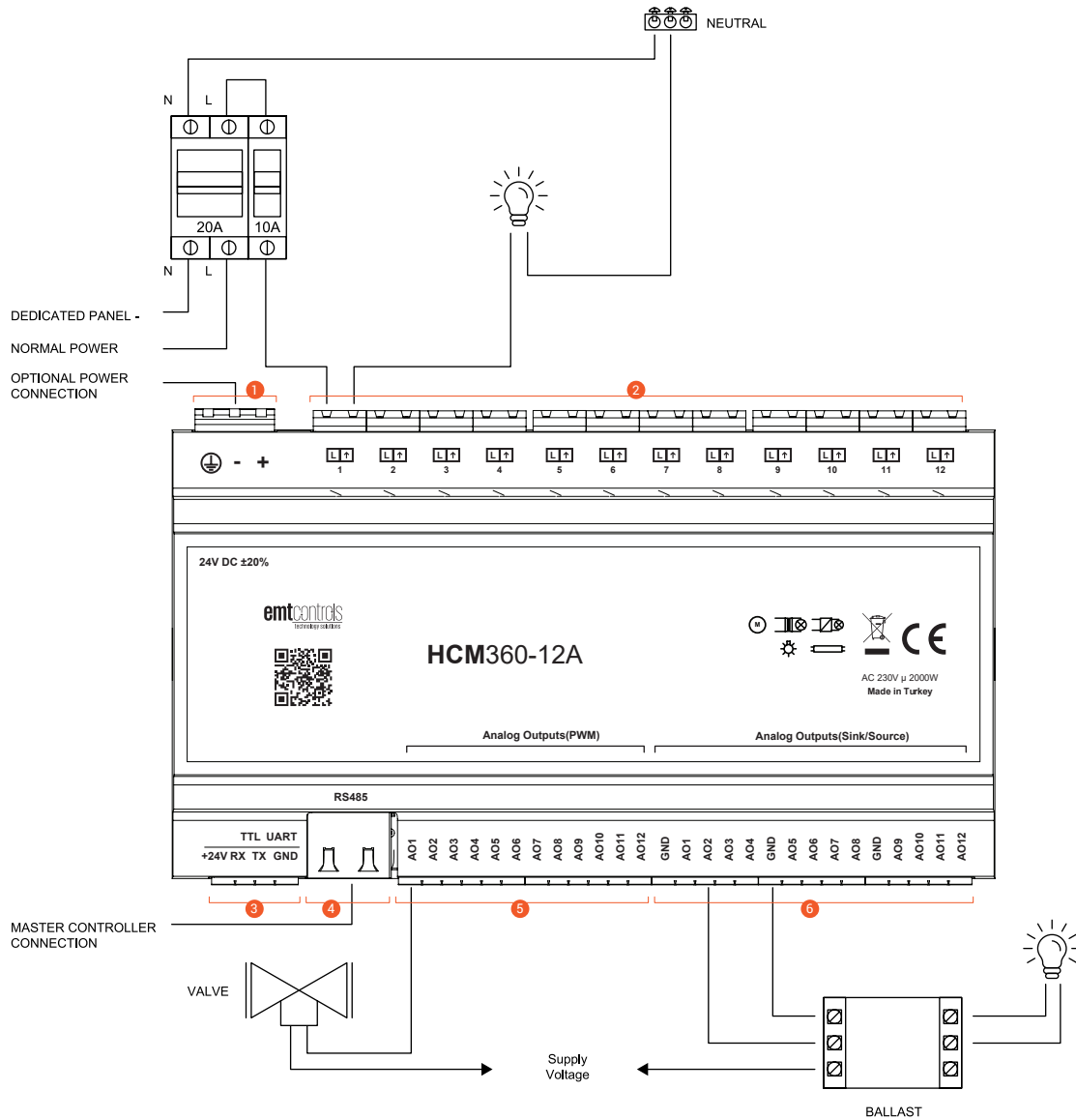


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Wiring Diagram



Loading Type

Fancoil Unit	Relay 1-12
Lighting	Relay 1-12
Curtain	Relay 1-12
Controlled Load	Analog Outputs(PWM) 1 - 12*
Controlled Load	Analog Outputs(Sink/Source) 1 - 12

Product Functions

- 1 Power Connector
- 2 Digital Outputs 1..12
- 3 UART Connector
- 4 RS485 Connector 1..4
- 5 Analog Outputs 1..12 (PWM)
- 6 Analog Outputs 1..12 (Sink/Source)

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