

ARMtronix TECHNOLOGIES LLP.

Hubballi, India.

Building Automation
Product Catalogue

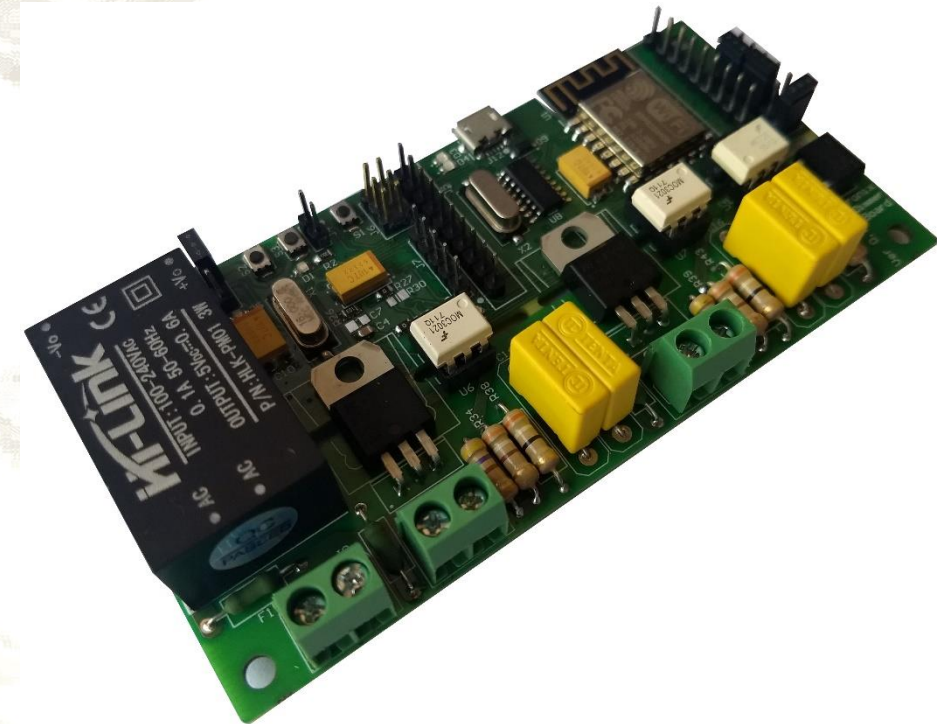
BA001 : Wifi Dual Dimmer Box

Technical Data	BA001 : Wifi Dual Dimmer
Description	Wifi Enabled Dual channel dimmer box
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Analog Input	2 – ADC Inputs, 0-5V DC Tolerable.
Output Channel	2 – Output, Triac Dimmer, Max 200 Watts
Loads	Fan, Incandescent Bulb.
Mounting	Wall mount using screws
Extra Feature	User programmable



BA002 : Wifi Dual Dimmer

Technical Data	BA002 : Wifi Dual Dimmer
Description	Wifi Enabled Dual channel dimmer board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Analog Input	5 – ADC Inputs, 0-5V DC Tolerable.
Digital Input	5 – GPIO 0-5V DC,
Output Channel	2 – Output, Triac Dimmer, Max 500 Watts / load
Loads	Fan, Incandescent Bulb.
Mounting	Wall mount using screws
Extra Feature	User programmable, On-Board Micro USB



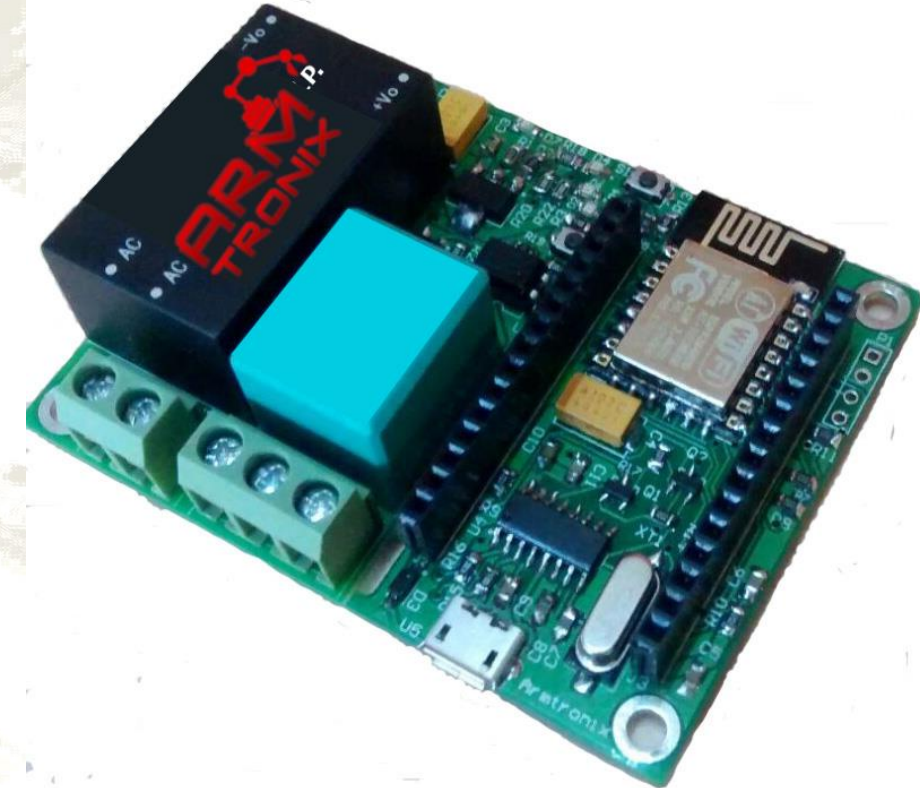
BA004 : Wifi Single Dimmer

Technical Data	BA004 : Wifi Single Dimmer
Description	Wifi Enabled Single channel dimmer board/box
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Analog Input	1 – ADC Inputs, 0-5V DC Tolerable.
Output Channel	1 – Output, Triac Dimmer, Max 200 Watts
Loads	Fan, Incandescent Bulb.
Mounting	Wall mount using screws
Extra Feature	User programmable



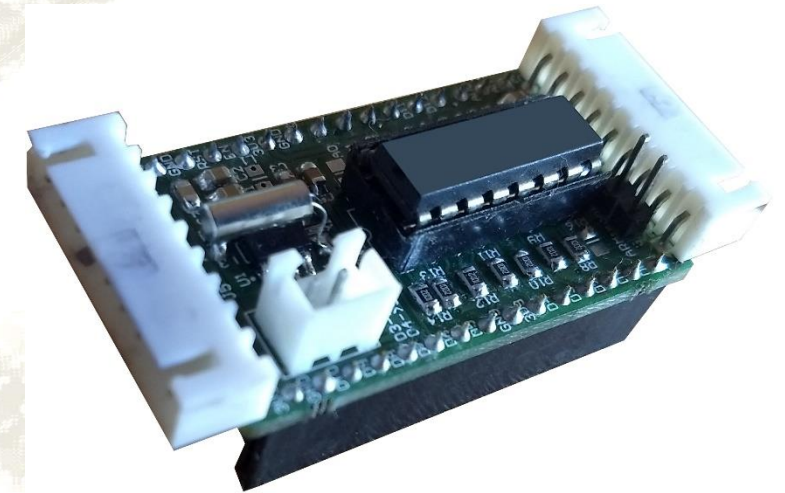
BA006 : Wifi Single Relay Board

Technical Data	BA006 : Wifi Single Relay Board
Description	Wifi Enabled Single channel relay board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
NodeMCU Header	Yes
Output Channel	1 – Outputs, Relay Dry-contact, Max1000 Watts/load
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, Onboard micro USB



BA010 : Power Supply 5V/5W

Technical Data	BA010 : NodeMCU GPIO Board
Description	GPIO Board for Node MCU
Power Input	5V / 0.1A
Operating System	N/A
Target Systems	Boards with NodeMCU Headers
RTC	Yes
I2C Address	Hardware configurable
Digital GPIO	8 – Digital IOs. 5V DC Tolerable
Mounting	Stackup on Node MCU headers



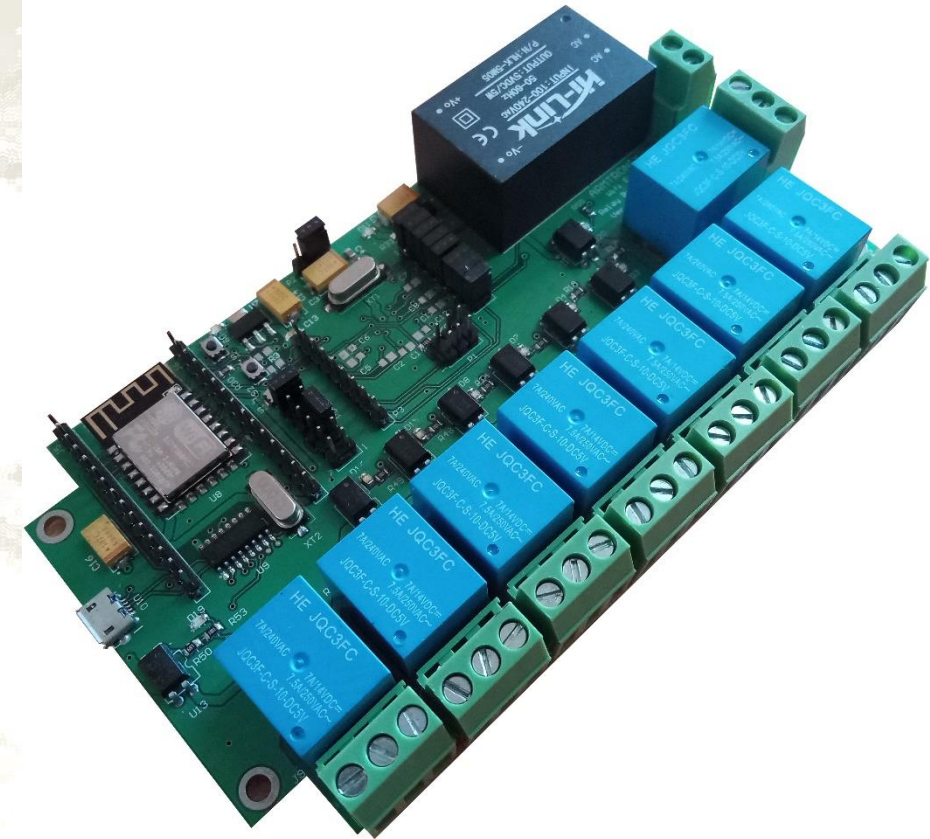
BA011 : Wifi BT Quad Relay Board

Technical Data	BA011 : Wifi BT Quad Relay Board
Description	Wifi Enabled Four channel relay board/box
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	Yes
Wifi	Yes, based on ESP32S
NodeMCU Header	Yes
Output Channel	4 – Outputs, Relay Dry-contact, Max 1000 Watts/load
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, Onboard micro USB



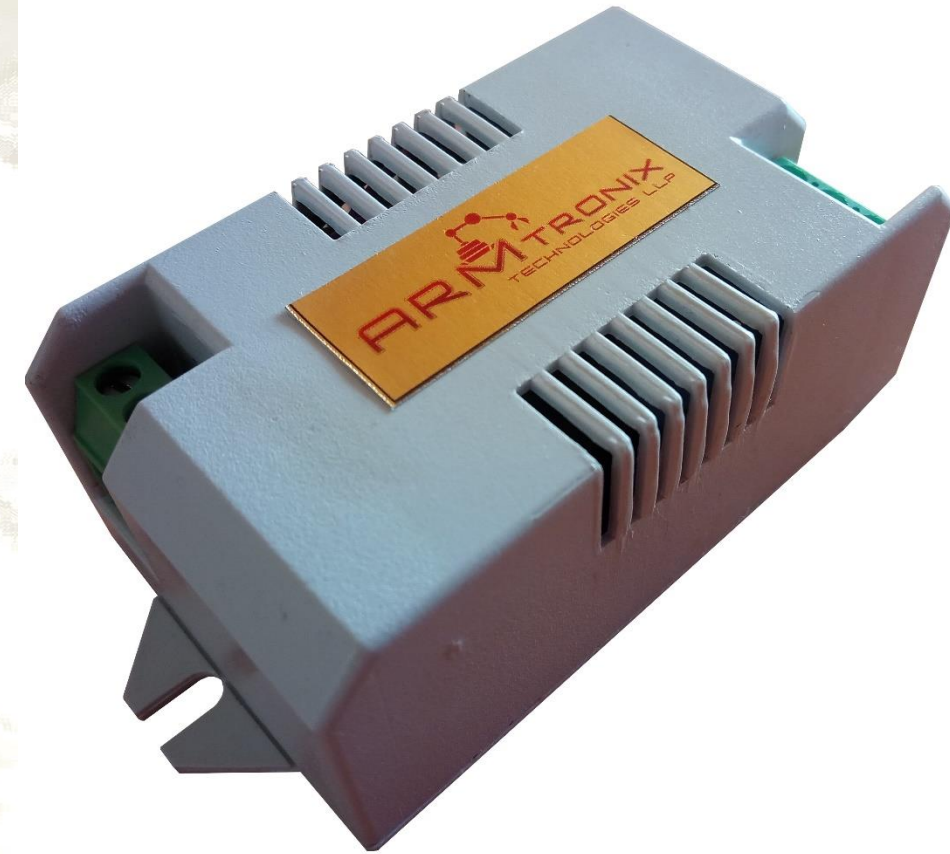
BA012 : Wifi Eight Relay Board

Technical Data	BA012 : Wifi Eight Relay Board
Description	Wifi Enabled Eight channel relay board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
NodeMCU Header	Yes
Output Channel	8 – Outputs, Relay Dry-contact, Max 1000 Watts/load
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, Onboard micro USB



BA013 : Wifi 1-Relay PM Box

Technical Data	BA013 : Wifi 1-Relay PM Box
Description	Wifi Enabled Single relay with power monitoring board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Power Monitoring	Yes
Output Channel	1 – Outputs, Max 2100 Watts/load
Loads	Geyser, Air Conditioner, Submersible Water Pumps
Mounting	Wall mount using screws
Extra Feature	User programmable, using external USB-UART



BA014 : Wifi 4T PWR Board

Technical Data	BA014 : Wifi 4T PWR Board
Description	Wifi Enabled Four channel Traic board with Power monitoring
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Power Monitoring	Yes, Consolidated.
Output Channel	4 – Outputs, AC, Max 200 Watts/load, 3 for Switching and 1 for Dimming
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, using external USB-UART



BA018 : Wifi Quad SSR Board

Technical Data	BA018 : Wifi Quad SSR Board
Description	Wifi Enabled Four channel SSR board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
NodeMCU Header	Yes
Output Channel	4 – Outputs, AC, Max 400 Watts/load
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, Onboard micro USB



BA019 : IoT HDR PM Box

Technical Data	BA019 : IoT BT HDR PM Board
Description	Wifi Enabled single channel Heavy Duty relay with power monitoring and timestamp on board
Power Input	100 to 260 V AC / 50/60Hz
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Wifi	Yes
Power Monitoring	Yes, for loads.
Digital Input	8 – Inputs, 0 - 3.3V DC Tolerable.
Output Channel	1 – Output, AC Powered , Max 6900 Watts/load
Loads	House mains, Hotel room mains.
Mounting	Wall mount using screws
Extra Feature	Power presence detection at Input and Output, User programmable, using external USB-UART converter, AC Virtual Switch, Real Time Clock.



BA020 : Wifi BT HDR Board

Technical Data	BA020 : Wifi BT HDR Board
Description	Wifi Enabled single channel Heavy Duty relay board with power monitoring.
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	Yes
Wifi	Yes
Digital Input	1 – Inputs, 0 - 3.3V DC Tolerable.
Output Channel	1 – Outputs, Relay Dry-contact, Max 2400 Watts/load
Loads	Geyser, 1-Ton Air Conditioner.
Mounting	Wall mount using screws
Extra Feature	User programmable, using external USB-UART converter, AC Virtual Switch



BA021 : Wifi Single SSR Board

Technical Data	BA018 : Wifi Single SSR Board
Description	Wifi Enabled One channel SSR board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	MQTT Broker or Wifi Access point or Smartphone
Bluetooth	N/A
Wifi	Yes
Output Channel	1 – Outputs, AC, Max 400 Watts/load
Loads	Fan, Incandescent Bulb, Motor
Mounting	Wall mount using screws
Extra Feature	User programmable, Onboard micro USB



MI001 : Power Supply 5V/3W

Technical Data	MI001 : Power supply 5V/3W
Description	Wifi Enabled single channel Heavy Duty relay board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	Development Boards
Bluetooth	N/A
Wifi	N/A
Output Channel	1 – USB Output, Max 3 Watts
Mounting	Wall mount using screws
Extra Feature	Onboard A-Type Female USB



MI002 : Power Supply 5V/5W

Technical Data	MI002 : Power supply 5V/5W
Description	Wifi Enabled single channel Heavy Duty relay board
Power Input	100 to 260 V AC / 50/60Hz
Operating System	N/A
Target Systems	Development Boards
Bluetooth	N/A
Wifi	N/A
Output Channel	1 – USB Output, Max 5 Watts
Mounting	Wall mount using screws
Extra Feature	Onboard A-Type Female USB



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Thank You