

## Avantis™

Advanced Smart Home System

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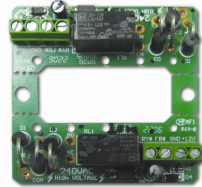
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### AX1 2-G Switch Module

- The 2-G Switch Module is designed to fit into any existing 2 gang switch for lighting automation.
- Only the 2 Way connector-type switch is able to function with this module.
- The advantages of using this module include:
  - ❶ Providing real-time status feedback of the existing load status to the system.
  - ❷ Identify missing or malfunction load at initial stage;
  - ❸ Neutral (N) cable is not connected to the system.
- This module obtain +12V<sub>DC</sub> from the IO Expander Module to energize the relay's coil to switch the 240V<sub>AC</sub> to the light.
- This module provides two-way controlling method via manual switch or system automation.
- System automation here can be from the system keypad at home or through a mobile phone during remote control.

### AX1 High Current Relay Modules



HCRM A



HCRM B

- The High Current Relay Module [HCRM] enables the system to energize the air-conditioner either through the system automation or manual switches.
- For a feedback control system → HCRM A & B.
- For a non-feedback control system → HCRM A.
- The application for these modules can be divided into:
  - External air-con Starter;
  - Build-in Starter in air-con unit.
- HCRM A obtains +12V<sub>DC</sub> signal from IO Expander to trigger the high current relay (20A max) to energize the air-con unit starter.
- HCRM B receives 240V<sub>AC</sub> signal from HCRM B that can trigger the real-time feedback to the system for load status detection.
- Unlike the 2-G Switch Module, HCRM B has a Neutral (N) Wire connected to complete a circuit loop

Please do not hesitate to contact us for more information

The newsletter will be updated monthly and the archives can be found in our website. |||||

