

# G3 Home Automation Wiring

Part Number(s): 28C0016(G3), 28C0051(RS485 Kit)

## G3 Controller (Wired Only)

A home automation system that supports “dry relay” contacts, can be connected to a wired G3 system. The relay module must be purchased separately from the home automation vendor. The relay module is then wired to one of the G3’s RS485 Adaptor’s ports OR to a spare RJ45 port on the back of a wired wall switch.

The wireless version of the G3 controller does NOT support home automation.

A wireless G3 can be upgraded to wired with the addition of a “RS485 Adaptor kit”.



1. Make sure the RJ45 end of home automation wire created, is routed to the location of the RS485 GPIO Adaptor OR to a wall switch location with an available RJ45 port. If multiple wired wall switches are installed, the last switch in the chain will have a spare, unused RJ45 port available for the connection. The RS485 Adaptor will be located near the motor.
2. Connect the home automation RJ45 cable into an available wall switch port, or one of the indicated ports on the RS485 Adaptor.
3. The home automation system should then be programmed to enable each of the desired functions by activating the designated relay for 0.5 to 1 second. At no time should a relay be held ON for more than 1 second.

