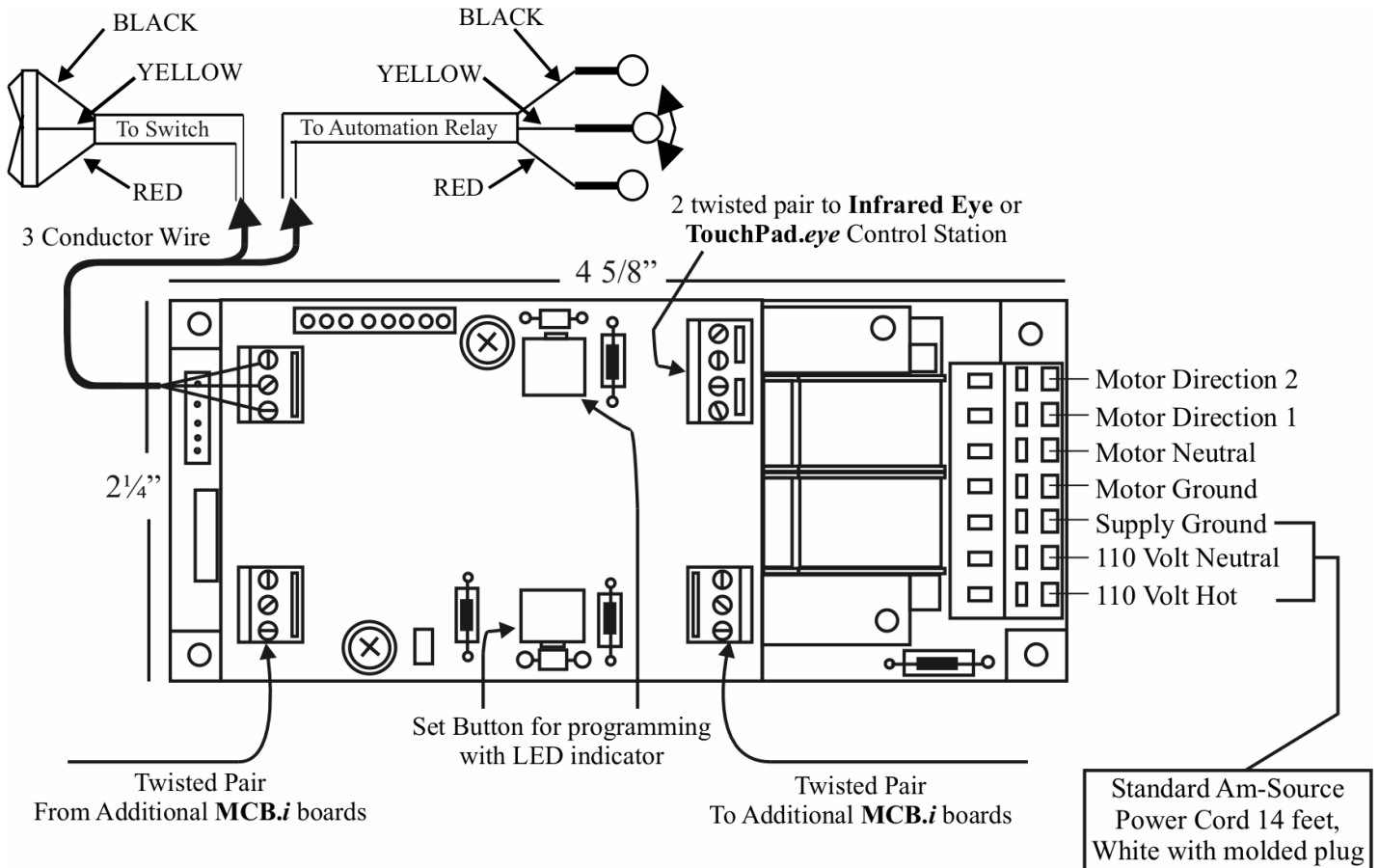


MCB.i RELAY INTERFACE



The Am-Source MCB.i Motor Control Board performs a multitude of functions. The board fits neatly within a D-8 headrail or in an individual enclosure for Shade, Drapery and Vertical Blind applications. It's primary function is to control all Am-Source supplied 110 Volt A.C. motors by means of an Am-Source stand-alone control system or integrated with Lighting Controls, Home Theater, and Home Automation Systems. The MCB.i can control a single motor or several motors when boards are linked. Data is sent from board to board via a Bus line and linking is accomplished via twisted pair wiring, using the RS-485 protocol. The board activates an open-close/up-down feature as well as the "Slo-Tilt" function on blinds when used with Am-Source Infrared Remote Control and/or TouchPad.eye.

As a "stand alone" control the MCB.i accepts the input from an infrared eye, TouchPad.eye, or wall switch. Individual addresses can easily be set for each MCB.i. Both the infrared transmitter and the TouchPad.eye can activate each address individually or with an "ALL" button. A dry contact connection allows for individual switch control. The switch control can also be used as an override to the wireless remote control. Group control, sub-group control, and individual control are all possible with the MCB.i as a stand-alone control.

Integration with Home Automation, Home Theater, and Lighting Controls is primarily done through the dry contact connection. When this is done the infrared remote control can act as an override to the Automation system. Additionally software changes can be made to interface directly to the MCB.i boards from the Automation computer using the RS-485 protocol.