Steltronic

AUTOMATIC SCORING

PN: 713053
HIGH VOLTAGE (115VAC) NEW PINS SOLENOID CONTROLLER PCB

This manual describes how to connect the 115 volt solenoids to the Steltronic automatic scoring system

4600 Arrow Hwy.
Montclair, California 91763 USA

Service@SteltronicUSA.com

(909) 971-9656

SteltronicUSA.com

Contents

713053 CONTROLLER

713053 CONTROLLER

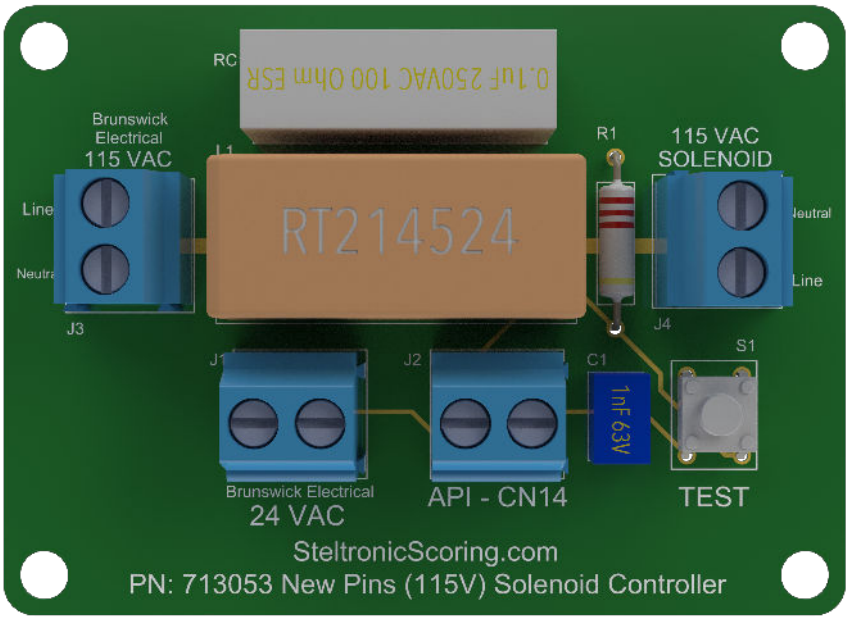
DESCRIPTION

The general purpose of this Steltronic PCB (part number 713053) is to control the (high voltage 115 VAC) new pins solenoid that is supplied by another automatic scoring system manufacturer. This solenoid is usually 115 volts (A/C) however it could be 230 volts (A/C).

The Steltronic advanced pinsetter interface (referred to as the API) is capable of controlling a low voltage (maximum 24 volts (2 AMPS) solenoid through a relay inside of the API.

Due to National Electrical Codes, the Steltronic API is not permitted to control high voltage (anything greater than 24 volts), and this is the reason you need to use the Steltronic PCB part number 713053 to control a high voltage (115-230 Volt) A/C solenoid.

PCB CONNECTIONS



WARNING: BEFORE MAKING ANY ELECTRICAL CONNECTIONS - DISCONNECT ALL POWER TO THE ELECTRICAL BOX

713053 PCB Connection points.

1. **J1:** Connect to an existing 24 Volt A/C connection from the Brunswick electrical box.
   I. Attach one wire to wire 57 that is connected to #6 on TS-2 (Low Voltage Terminal Strip) in the Brunswick electrical box.
   II. Attach one wire to wire 41 that is connected to #1 on TS-2 (Low Voltage Terminal Strip) in the Brunswick electrical box.
2. **J2:** Connect to the API: Attach the 2 conductor wire supplied by Steltronic to the Steltronic API on connector CN14.
3. **J3:** Connect to an existing 115 Volt A/C connection from the Brunswick electrical box.
   I. Attach the neutral wire to "A" on TS-1 (High Voltage Terminal Strip)
   II. Attach the line wire to "H" on TS-1 (High Voltage Terminal Strip)
4. **J4:** Connect to the existing 115 Volt solenoid mounted on the Brunswick detector.
5. **S1:** You can press this switch to test the 115 Volt solenoid.

SIMPLE LINE DIAGRAM