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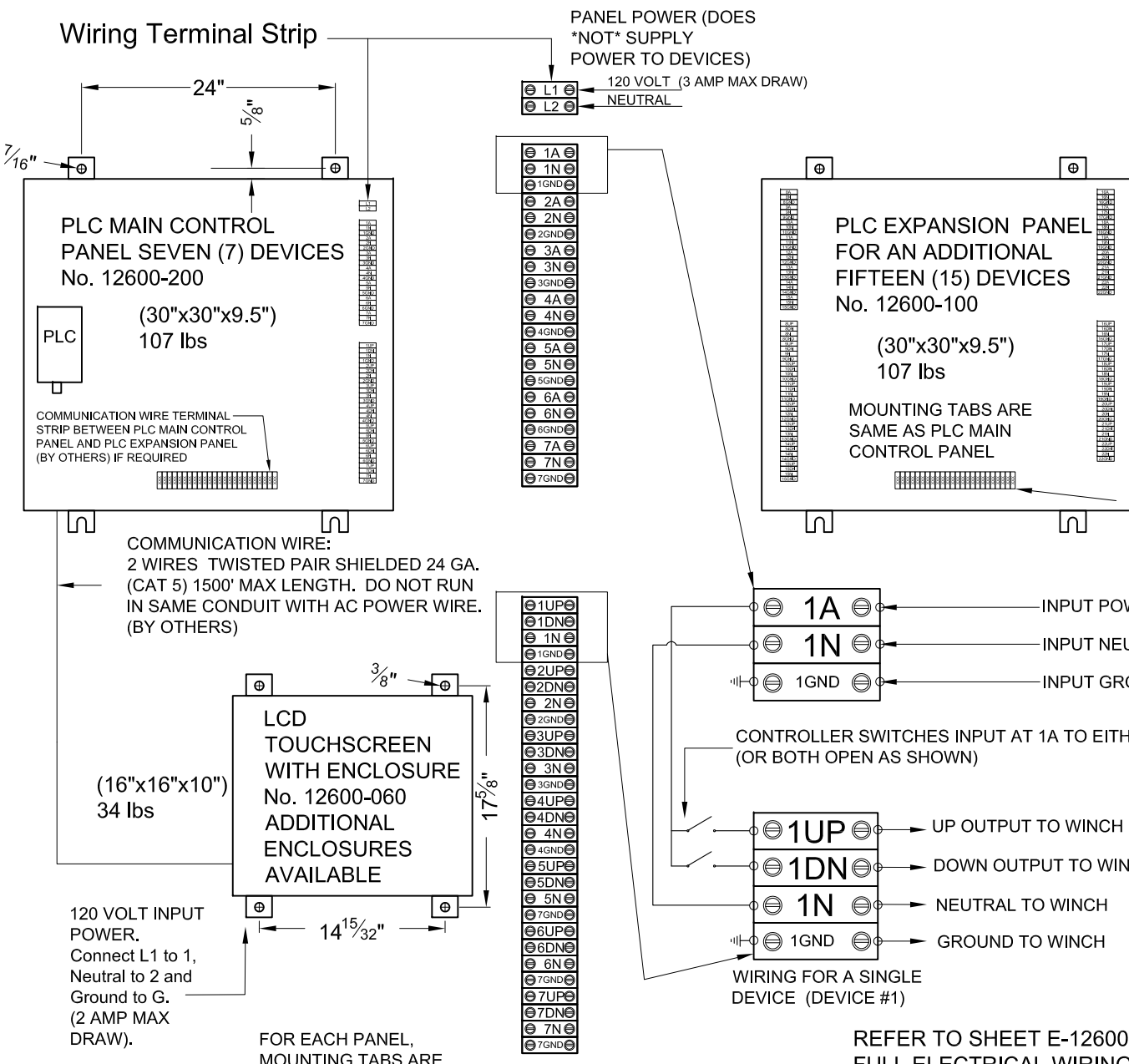
12600-000

POWER-TOUCH® LCD SYSTEM ELECTRICAL WIRING DIAGRAM

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NOTE: ALL ELECTRICAL WIRING TO BE PROVIDED BY OTHERS. ALL LOCAL CODE REQUIREMENTS APPLY

EACH INPUT POWER OR SIGNAL WILL BE SWITCHED TO THE UP OR DOWN LINE FOR THAT DEVICE. EACH CIRCUIT SHALL OPERATE INDEPENDENTLY. INPUT POWER AND WIRE SIZE (BY OTHERS) MUST BE BASED ON MOTOR SIZE AND LENGTH OF WIRE TO ENSURE ADEQUATE POWER REACHES THE MOTOR. TOTAL CURRENT PER LINE MUST BE LESS THAN 20 AMPS. FOR NON-PORTER PRODUCTS, CONSULT MANUFACTURER TO VERIFY POWER REQUIREMENTS ARE WITHIN SPECS. FOR PORTER EQUIPMENT REFER TO SHEET E-2600-10 FOR MORE DETAILED INFORMATION. NOTE: NEUTRAL MAY BYPASS PANEL AND RUN DIRECTLY TO WINCH.

COMMUNICATION WIRE TERMINAL STRIP BETWEEN PLC MAIN CONTROL PANEL AND PLC EXPANSION PANEL (BY OTHERS)

- REFER TO SHEET E-12600-10 FOR FULL ELECTRICAL WIRING DIAGRAM
- 12600-060 POWER-TOUCH LCD INTERFACE PANEL ONE (1) REQUIRED, SEE SPECS FOR MORE OPTIONS
 - 12600-100 POWER-TOUCH PLC EXPANSION PANEL (CONTROLS ADDITIONAL FIFTEEN (15) PORTER DEVICES)
 - 12600-200 POWER-TOUCH PLC MAIN CONTROL PANEL (CONTROLS UP TO SEVEN (7) PORTER DEVICES)

SPECIFICATIONS

PORTER No. 12600-000 POWR-TOUCH® LCD GYMNASIUM CONTROL CENTER

Wall-mounted Powr-Touch® LCD Touchscreen control system shall be designed as an alternate to conventional keyswitch-type controls, to operate basketball backstops and divider curtains (Standard keyswitch-type operation shall not be considered as equal.) LCD Touchscreen control shall be capable of operating a maximum of 64 devices. On the movement screen, the destination state of each piece of equipment will be indicated by a 3-way toggle for Up, Down and Hold. Systems without 3-way toggle buttons shall not be considered equal. For safety of operation, the Powr-Touch® LCD Touchscreen is designed to require constant pressure on the LCD movement button to control the gymnasium apparatus.

The Powr-Touch® LCD control system shall offer a time saving operational control feature of operating any and all equipment in any directional combination. Systems without simultaneous operation for any and all equipment in any directional combination shall not be considered equal.

The Powr-Touch® LCD Touchscreen shall have a programmable two level security code for administrator and operator. The operator security code shall grant access to the movement screen. The administrator security code shall grant access to the movement screen and the administration screen. The Powr-Touch® LCD Touchscreen shall have an auto-logout display on every screen to visually indicate when the screen will automatically log out due to inactivity. The auto-logout time shall be programmable in the administration screen. The backlight shall automatically turn off after a period of inactivity. The backlight delay time shall be programmable in the administration screen.

The Powr-Touch® LCD Touchscreen control system shall minimally consist of two electrical panels, one containing the LCD touchscreen and the other containing the device control relays. Depending on the equipment to control, additional PLC Expansion Panels may be required. The power for each backstop shall run through the PLC Main Control Panel or Expansion Panel(s) to be switched up or down. The input circuit must be of large enough capacity to provide adequate power to the motor attached to that circuit such that all devices may operate simultaneously.

Wiring of all electrical components shall be in accordance with local codes, and in accordance with manufacture's instructions. All conduit, wiring, junction boxes and components not specified herein shall be furnished and installed by the electrical contractor. Additionally, all system testing shall be the responsibility of the electrical contractor.

Optional LCD Panels:

- 12600060 – 6" LCD with quarter turn cover
- 12600061 – 6" LCD with quarter turn locking cover
- 12600070 – 10" LCD with quarter turn cover
- 12600071 – 10" LCD with quarter turn locking cover

Optional Padding:

Padding to encompass sides of LCD interface panel without obstructing operation and to prevent incidental contact. 1-½" Ethafoam covered in 14 ounce vinyl. Part number ZMAT1260XX (for 6" LCD) or ZMAT1261XX (for 10" LCD), color choices listed below:

- | | | |
|------------------|-----------------|----------------|
| 01 – Sky Blue | 02 – Royal Blue | 03 – Red |
| 04 – White | 05 – Orange | 06 – Yellow |
| 08 – Tan | 09 – Gray | 10 – Maroon |
| 11 – Purple | 12 – Black | 13 – Navy Blue |
| 14 – Kelly Green | 15 – Dark Green | |