

ARIZONA COURTLINES, INC. SPECIFICATIONS

E L C P (ACI Model #) ELECTRONIC CONTROL PANEL

CAPABILITIES:

Control panel shall be capable of controlling electric basketball winches, electric height adjuster motors, electric divider curtain winches and other electric motors. Control panel shall be capable of turning other electrical devices on and off. Control panel shall be pre-programmed to control all ACI equipment (electric backstop winches, electric height adjusters, electric divider curtain winches) within the designated gymnasium. Two contactors for each motor shall be supplied. All relays, wiring, conduit, and other programming (non-ACI supplied equipment) shall be supplied and completed by others.

LOW VOLTAGE POWER COMPONENTS:

Operating voltage range of display screen, PLC (CPU) and expansion modules shall be 21.6 to 26.4 volts DC. Power consumption shall be a maximum of 5 watts. Power supply is included and factory wired.

DISPLAY

Display shall be a STN monochrome LCD touch screen panel. Display screens with external button shall not be considered equal. Resolution shall be 240 (W) x 96 (H) dots. Display area shall be 96mm (W) x 38.4mm (H)(3-3/4" x 1-1/2"). Backlighting shall be available in green, red, and orange. LCD life shall be approximately 50,000 hours (5 years, 8 months). Touch key life shall be minimum one million operations.

MENU (s):

Control panel menu(s) shall be self-explanatory (No instruction book should be needed to understand operation of control panel). Menu(s) shall be equipped with at least two of the following option at any given time: Select One (Up / Down of Equipment), Next Screen, Previous Screen, Continue or Main Menu.

Gymnasium layout (equipment numbered in plan view), Operation instructions, and Maintenance notes shall be displayed on screen when prompted by user. Manufactures address and telephone shall also be displayed on screen when prompted by the user. Screen shall flash red when warning user of possible interferences or possible operation problems.

Control panel can be preprogrammed with password protection to limit access to control panel.