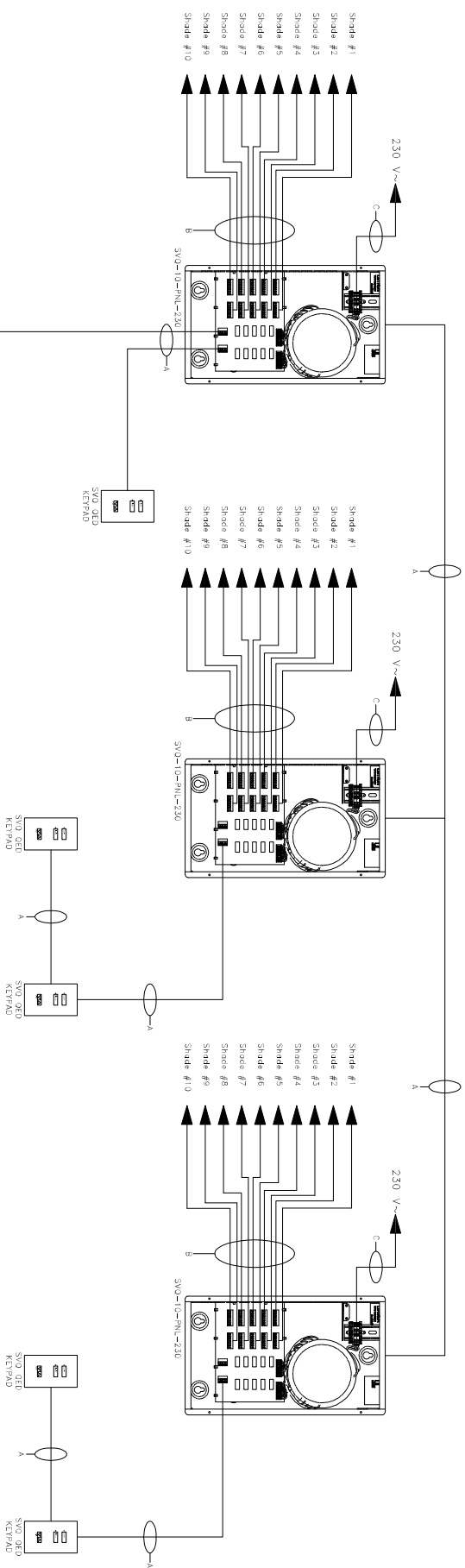




SIMOA OED POWER AND RISER WIRING DIAGRAM - 230 V-~

WORLD HEADQUARTERS: +1-510-288-3800  
 TECHNICAL SUPPORT CENTER: +1-800-523-9466  
 CUSTOMER SERVICE / OUTLET: +1-800-445-1933  
 EMAIL: [sales@lutron.com](mailto:sales@lutron.com)



NOTE: NO LINE VOLTAGE (230 V-~) IS  
 REQUIRED FOR BRIDGE REQUIREMENTS.  
 FOLLOW THE BRIDGE REQUIREMENTS  
 BELOW FOR BRIDGE REQUIREMENTS  
 BELOW

UP TO 100 INPUTS FROM  
 A SINGLE RISER SYSTEM  
 OUTPUT (SOCI AS A BNC BUILDING  
 SYSTEM MANAGEMENT) OR TOUCHSCREEN)

- WIRE LEGEND**
- A) Comm Link
  - 4 Conductor Tinned (#18AWG) (twisted and shielded)
  - Maximum Comm Link - 1250m (6500 Ft.)
  - Keypad to Power Point
  - 1 keypad - 30m (1000 Ft.)
  - 2 keypad - 60m (2000 Ft.)
  - 3 keypad - 90m (300 Ft.)
  - 4 keypad - 60m (200 Ft.)
- B) SVO-CBL-250
  - 7 Conductor - Lutron # SVO-CBL-250
  - 1 conductor - 24 AWG (green/red/white)
  - 1 conductor - 24 AWG (blue)
  - 1 conductor - 24 AWG (yellow)
  - 1 conductor - 24 AWG (orange)
  - 1 conductor - 24 AWG (brown)
  - 4 Tinned (#18AWG) Comm Link (blue, yellow, slate-gray, twisted and shielded)
- C) Input Power
  - 2 (annex) (#12AWG)