All Network Segments

Note: Each network segment shall not exceed 56 devices (panels, switches, sensors) or 1,500 ft of wire. The quantity of panels, switches, and sensors shown is to illustrate conceptual wiring scheme only. The actual connection and number of devices will be determined by actual locations on the plans.

LXENDM EQUIPMENT CABINET
12" x 15" x 4' SURFACE MTD.

2 Wire Network
Connect Belden 8471 Wire to Network

LX Dry Contact Module
Connect Belden 8471 Wire to Network

ITT Comm Network

Blue/White

Yellow/White

Blue/White

Yellow/White

Blue/White (Relay Common)
Red (+24VDC)
Black (Common)
Grey (Control 2) X Cap Off Wire
Blue (Control 1)
Yellow/White (Relay Normally Open)
Black/White (Relay Normally Closed)

Black (Common)
Blue (Control 1) X Cap Off Wire
Blue (Control 1)
Blue/White (Relay Common)
Grey (Control 2) X Wire
Yellow/White (Relay Normally Open)
Black/White (Relay Normally Closed)

Yellow/White (Relay Normally Open)
Black/White (Relay Normally Closed)

Low Voltage Dry Contacts to connect to LXDCIM per installation instructions by the Contractor.

UVPP Power Pack 120VAC 15 Amps.
Power Pack contacts rated for 20 Amps.

Yellow/White

Blue Control

Cap Off
Blue Wire

Red (+24VDC)
Black (Common)
Blue (Control 1)
Grey (Control 2)

No more than 4 devices whether Sensor or Slave pack can be powered by 1 UVPP.

1-LXDCIM with 2-WSP Sensors
(Typical)

Building Automation, Inc.