

Applications

- HVAC automation
- Industrial automation
- Lighting automation

Overview

The SL Series devices are microprocessor based Input/Output controllers designed to control, optimize and improve the energy efficiency of a wide variety of equipment types. When used with the Network Application Server/Router, all controller I/O are fully programmable with the Sigma Smart Application. The no-cost programming tools are available to registered users.

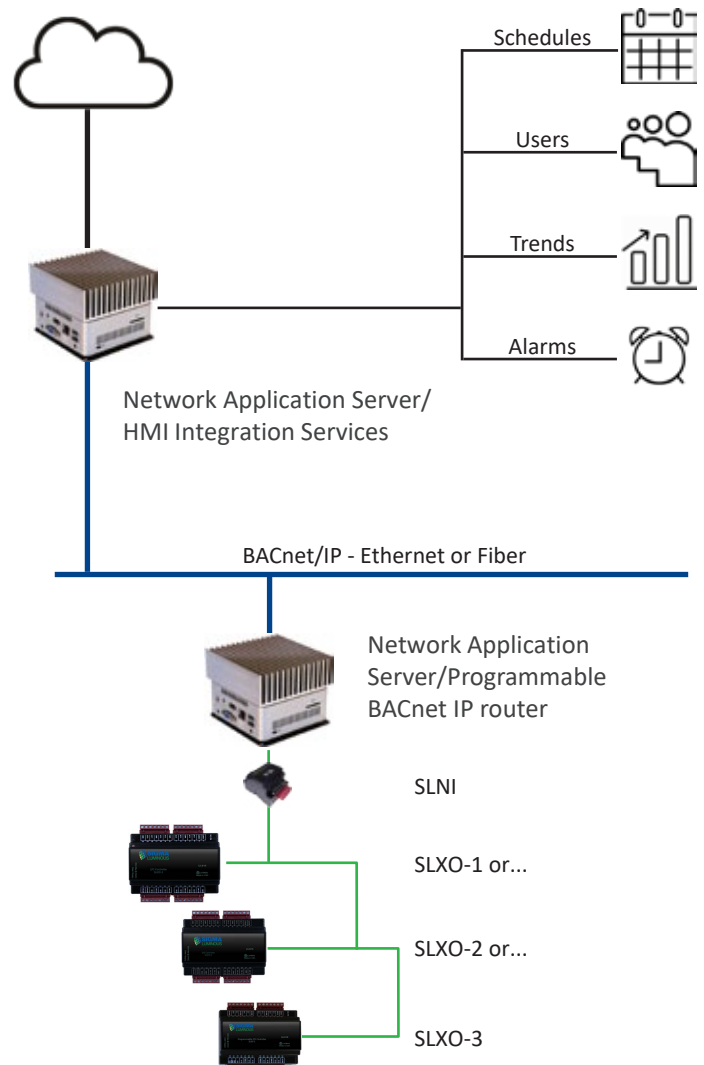
The SLXO-1 uses the Q-Bus fully isolated transceiver for best in its class networking over twisted pair media. Q-Bus networks are polarity and topology free. The network utilizes open standard BACnet/IP protocol and is encrypted using FIPS grade algorithms.

The SLXO-1 features fast response times suitable for lighting, building and lite industrial automation. Up to 60 SLXO-1 controllers can be connected to each Q-Bus sub network, automatically recognized by the programmable host (Application Server) and made available automatically for simple graphical programming.

There are no limits to program length or complexity other than the underlying physical hardware memory.

Product Part Numbers

HW Part Number: SLXO-1



I/O Configuration

Digital Outputs

8 x Digital

Triac rated at 1A @ 24V AC,
Externally Powered

Analog Outputs

8 x Analog 20mA max
at 30°C, 8bit resolution

0 or 10VDC Digital/Binary

0-10VDC Adjustable, Lineal

Mechanical

Hardware

Processor

ARM Cortex M4

Transceiver

FTT-10; 78kbps

Indicators

LED, Power, Status

Power

Supply Voltage

24VAC; 50/60Hz; Class II or
15-55V DC

Max

30VA

Typical

6VA + Peripherals

Fuse

1.85A auto-resettable

Enclosure

Material

ABS

Color

Black

Installation

35mm DIN

Connectors

Removable (red)

Environment

Temperature

0°-70°C (32°-158°F)

Humidity

0-90% non-condensing

Storage

-20°-70°C (-4°-158°F)

Status Lights

LED

Device Status
Green

Pulsing GrWeen = Normal
Off = No power or other fault

Service Pin
Green

Off = Normal/Running
On = No Application

Agency Approvals

Safety
Certifications

UL916 Energy Management Equipment
CSA C22.2#205 Issue 1983/06/01 (R2009)
Signal Equipment standard

