SLXO-2 Programmable Controller

Multi-Protocol: BACnet/IP and LonWorks

Applications

- HVAC automation
- Industrial automation
- Lighting automation

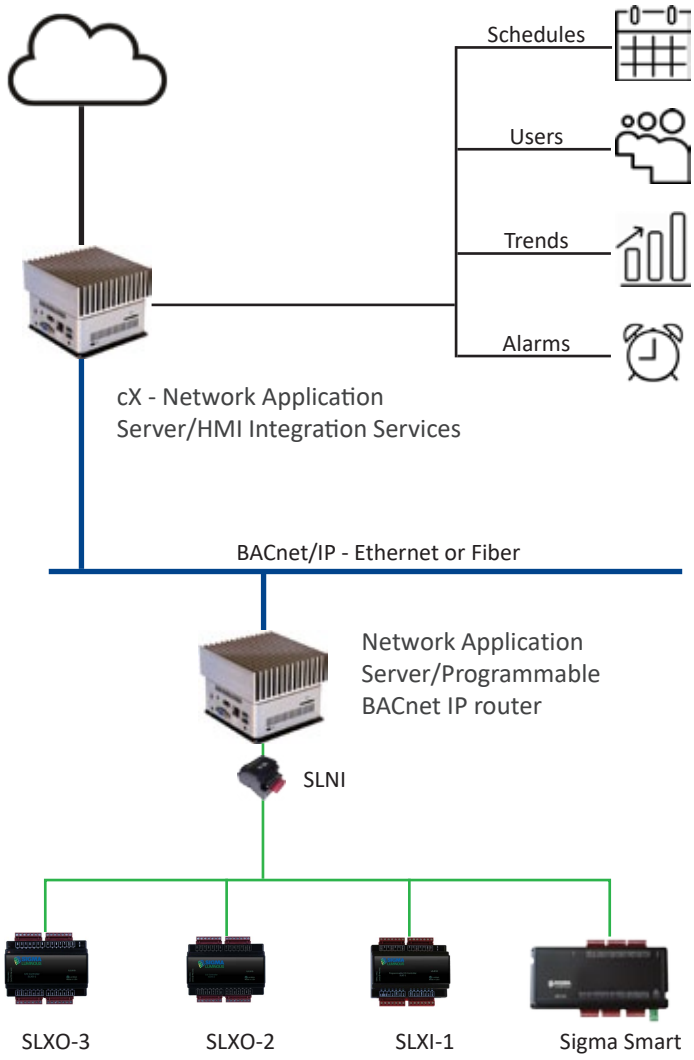
Overview

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-2 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-2 features fast response times suitable for lighting, building and lite industrial automation. Up to 60 SLXO-2 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-2

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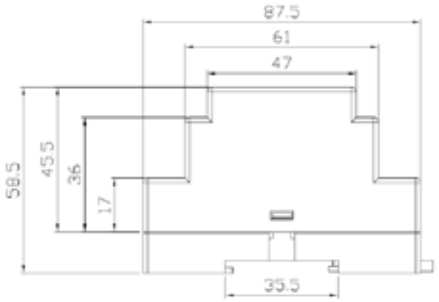
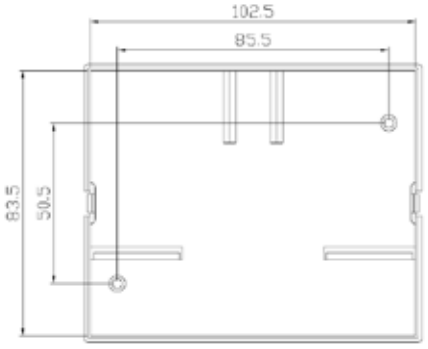
I/O Configuration

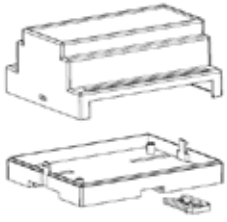
Digital Outputs	
16 x Digital	SSR solid state relay rated at 120mA @ 60V AC or DC max, externally powered

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	
Temprature	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