

### APPLICATIONS

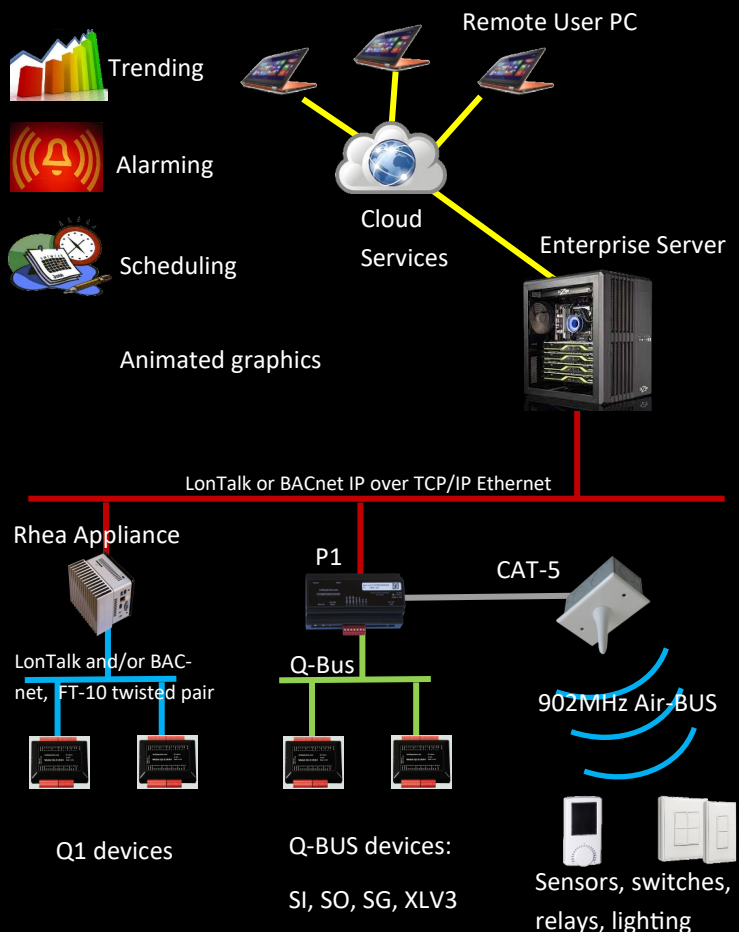
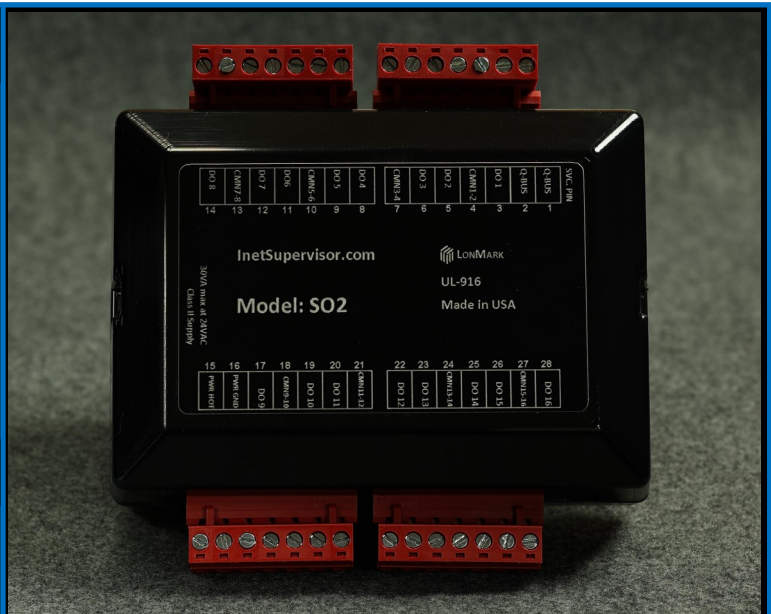
- HVAC automation
- Industrial automation
- Lighting automation

### OVERVIEW

The S Series are microprocessor based programmable controllers designed to control, optimize and improve energy efficiency of variety of equipment. All controller I/O are freely programmable with the InetSupervisor Portal app that is free to our customers. The S11 uses Q-Bus a fully isolated transceiver for best in its class networking over twisted pair of wires. Q-Bus networks are polarity and topology free. The network utilizes open standard BACnet/IP protocol and is encrypted using FIPS grade algorithms. S11 features fast response time suitable for general building, lighting, and lite industrial automation. S11 controllers can be connected on the Q-BUS sub network, recognized by the programmable host and made available automatically for graphical programming. There are no limits to program length or complexity other than device memory.

### PRODUCT PART NUMBERS

HW Part Number: **SO2-0.16.0**



### I/O CONFIGURATION

<b>Digital Outputs</b>	16 x Digital
	SSR solid state relay rated at 120mA @ 60V DC or 24AC max, externally powered

### STATUS LIGHTS

<b>LED</b>	
Device status GREEN	Pulsing green = Normal Off = No power or other fault
Service pin GREEN	OFF = Normal, running ON = No application

### AGENCY APPROVALS

<b>Safety Certifications</b>	UL916 Energy Management Equipment CSA C22.2#205 Issue 1983/06/01 (R2009) Signal Equipment standard
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### WARRANTY

Standard 2-year warranty.



UL916 RoHS



### MECHANICAL

<b>Hardware</b>	
Processor	FT-6050, 8bits, 80MHz
Memory	128k application memory
Transceiver	FTT-10; 78kbps
Indicators	Multicolor LED, power, status
Comm Ports	RJ11, LON
<b>Power</b>	
Supply Voltage	24VAC; 50/60Hz; Class II
Max	30VA
Typical	6VA plus peripherals
Fuse	1.85A auto-resettable
<b>Enclosure</b>	
Material	ABS/PC
Color	Black
Installation	35mm DIN
Connectors	Removable (RED)
<b>Environment</b>	
Temperature	0°-70°C (32°-158°F)
Humidity	0-90% non-condensing
Storage	-20°- 70°C (-4° - 158°F)

