

SpiderAlert®

Input/Output Devices

SpiderBus interface units for input sensors and feedback outputs

**Applications**

- Local alarm reporting
- Control of lighting, sound and audio-visual devices
- I/O control for door locks, relays and machines

Features

- Continuous supervision for trouble indication
- Output is controlled (pulled LOW) by head-end computer
- Tamper event reporting
- Wall mounted

Description

SI-540 is a SpiderBus 8 remote-controlled output interface unit.

SI-544 serves as an interface between 4 End-of-Line input loops and the SpiderBus, and has 4 output circuits that can be remotely controlled via the bus.

SI-561 serves as an interface between 6 input (N.O. or N.C.) sensors and the SpiderBus. It has 1 output circuit that can be remotely controlled via the bus.

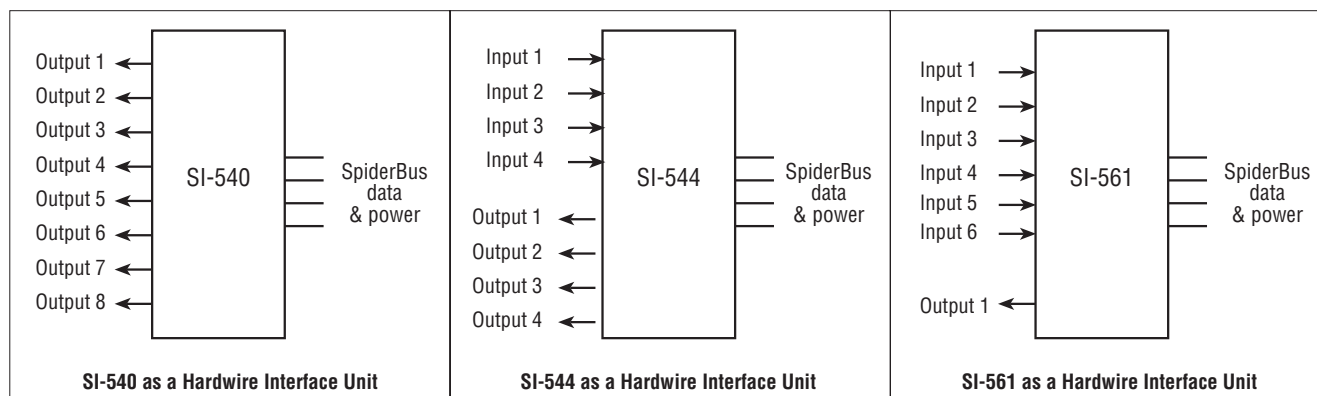
SI-540, SI-544 and SI-561 units are identified by a factory-programmed 8-bit ID number.

Input/Output Devices

Specifications

	SI-540	SI-544	SI-561
Number of Outputs	8	4	1
Output Type	open collector type, 100 mA max. sinking current		
Reporting Modes	--	"Regular", "still in alarm" and "inactivity"	--
Number of Inputs	--	4 E.O.L - 10 kΩ type	6
Input Polarity	--	E.O.L N.O. or N.C.	
Unit ID Number	8-bit code (2 hexadecimal digits)		
Communication Protocol	SpiderBus		
Supervision Rate	Once every 90 seconds		
Input Voltage	10 -16 VDC		
Current Drain	Approximately 7 mA standby, 13 mA maximum		
Operating Temperatures	-10° C to 49° C (14° F to 120° F)		
Dimensions (H x W x D)	108 x 165 x 38 mm (4-1/4 x 6-1/2 x 1-1/2 in.)		110 x 63 x 25 mm (4-5/16 x 2-1/2 x 1 in.)
Weight	191 g (6.75 oz)		73 g (2.58 oz)

Configurations



ORDERING INFORMATION:

Product Name	Cat. No.	Description
SI-540	1-7111-0	SpiderAlert 8-output I/O unit
SI-544	1-7113-0	SpiderAlert 4-input (EOL) and 4-output I/O unit
SI-561	1-7112-0	SpiderAlert 6-input and 1-output I/O unit

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