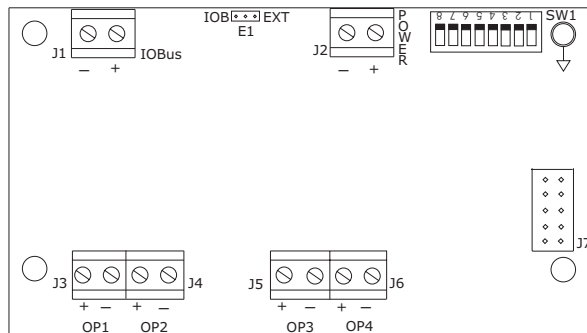
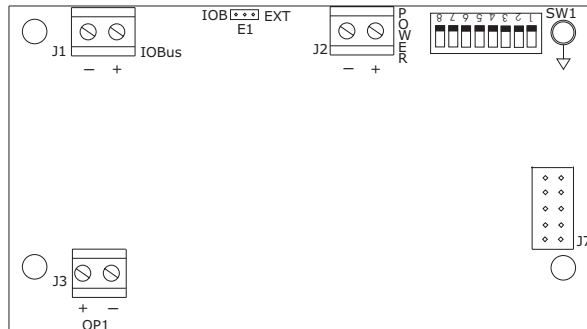




# WALKER SYSTEMS

building intelligence



## DESCRIPTION

The IOB-OP1 and IOB-OP4 I/O Bus Expansion Modules provides additional universal output points to any SAC installation.

## IOB-OP1 and IOB-OP4 (I/O BUS EXPANSION MODULES)

### APPLICATIONS

- increase any SAC's output count by increments of 1 or 4 universal outputs
- add up to a maximum of 24 IOB-OP4 modules to any SAC

### FEATURES

- plug and play
- rugged universal outputs
- power supply over-current protection
- low power consumption
- PIC microprocessor for communication
- optically isolated communication
- Walker ASCII protocol
- easy installation
- selectable address (0 - 24)

### POWER

- powered from I/O Bus or 24 VAC

### MOUNTING

- fits on a WSD08 backplate
- Snaptrack™ mountable (6TK Series)

### WIRING

- 18 AWG twisted shielded pair

**IOB-OP1 / IOB-OP4**  
**TECHNICAL SPECIFICATIONS**

**POINT CONFIGURATION**

MODULE	ANALOG OUTPUTS	UNIVERSAL OUTPUTS
IOB-OP1	N/A	1
IOB-OP4	N/A	4

**OUTPUTS**

TYPE	USAGE	RANGES	CAPACITY	DISPLAY
Universal	Voltage	0-10 VDC	20 mA	0 to 100%
	current	4-20 mA	500 $\Omega$	0 to 100%
		4-20 mA	250 $\Omega$	0 to 100%
	digital	0-10 VDC	20 mA	user defined

**ELECTRICAL / MECHANICAL**

MODULE	BOARD SIZE	I/O BUS LOADING	
		without external AC power supply*	with external AC power supply*
IOB-OP1	50 x 101 mm	4 units of load	1 unit of load
IOB-OP4	50 x 101 mm	20 units of load	1 unit of load

\* external 24 VAC transformer rating must be rated at 10 VA or higher  
 25.4mm = 1.0 inches

**ENVIRONMENTAL**

OPERATING TEMPERATURE	STORAGE TEMPERATURE	RELATIVE HUMIDITY
0°C to 50°C (32°F to 122°F)	-35°C to 66°C (-31°F to 151°F)	0 to 95% RH, non-condensing