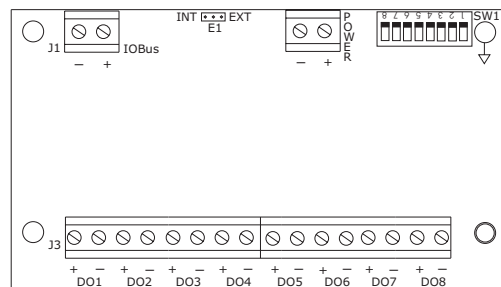
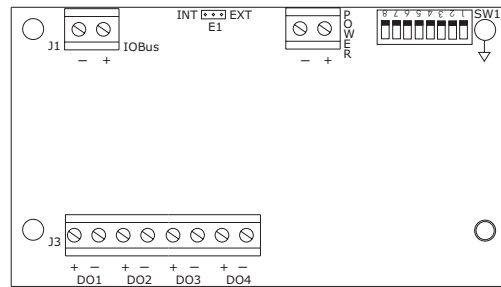
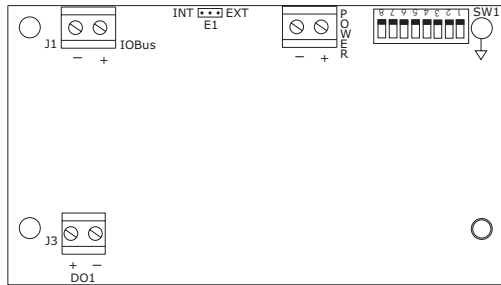




# WALKER SYSTEMS

building intelligence



## DESCRIPTION

The IOB-DO1, IOB-DO4 and IOB-DO8 I/O Bus Expansion Modules provide additional digital output points to any SAC installation.

## IOB-DO1/IOB-DO4 IOB-DO8 (I/O BUS EXPANSION MODULES)

### APPLICATIONS

- increase any SAC's digital output count by increments of 1, 4 or 8 digital outputs
- add up to a maximum of 24 I/O Bus modules to any SAC

### FEATURES

- plug and play
- optically isolated Triac outputs high current rating (1.2 A)
- 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-DO1 / IOB-DO4 / IOB-DO8

## TECHNICAL SPECIFICATIONS

### POINT CONFIGURATION

MODULE	ANALOG OUTPUTS	DIGITAL OUTPUTS
IOB-DO1	N/A	1
IOB-DO4	N/A	4
IOB-DO8	N/A	8

### OUTPUTS

TYPE	USAGE	RANGES	CAPACITY	DISPLAY
Triac digital	Triac drive	Solid State relays for AC loads	30 VAC @ 1.2 A	user defined

### ELECTRICAL / MECHANICAL

MODULE	BOARD SIZE	I/O BUS LOADING	
		without external AC power supply*	with external AC power supply*
IOB-DO1	50 x 101 mm	2 units of load	1 unit of load
IOB-DO4	50 x 101 mm	8 units of load	1 unit of load
IOB-DO8	50 x 101 mm	16 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 (14°F to 284°F)	-35°C to 66°C (-40°F to 104°F)	0 to 95% RH, non-condensing