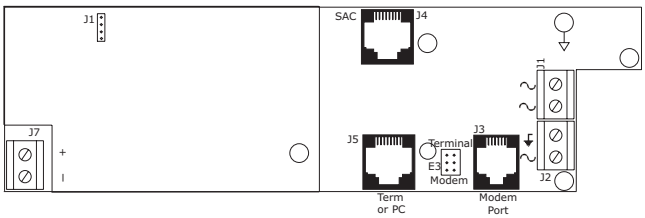
WALKER SYSTEMS
building intelligence

IOB-CLOCK/POWER
(Power Supply/Real time Clock Module)



DESCRIPTION

The Power Supply Module will supply power and provide the communication link for other I/O Bus modules. Expand the capabilities of a SAC with up to sixteen I/O Bus modules of each type. The type of SAC and I/O Bus modules installed determines the total number of modules allowed per I/O Bus. The I/O Bus Power Supply is capable of supplying 20 units of power to the I/O Bus Modules.

The I/O Bus Clock Module option will provide a real time clock for MicroSAC installations. The module updates the MicroSAC with an accurate time every minute.

The Power Supply module is designed to mount on an expander backplate, a MicroSAC backplate or in a MicroBox.

APPLICATIONS

- provides MicroSAC with real time clock

FEATURES

Hardware

- plug and play
- PIC controller (for communication & clock)
- Accurate to ± 5 minutes per year
- LED status indicator
- Super Cap Battery Backup (72 hr)

Communication

- 9600 bps
- communication multiplexed with power
- uses Walker ASCII Protocol

Power Options

- from I/O Bus power supply (IOB-Power must be used with this clock and is included in clock price)

Cable

- directly to IOB-PS

Mounting

- mounts on top of IOB-PS

Designed & Manufactured in Canada by **Walker Systems Corporation**
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Open Energy Management Equipment LISTED 916 PAZX

FORM # WSC99-068

IOB-CLOCK/POWER

TECHNICAL SPECIFICATIONS

COMMUNICATION PORTS

TYPE	QTY	USAGE	CONNECTOR
RS-232	1	modem/terminal	RJ12
RS-232	1	modem/terminal	RJ45
RS-232	1	connection to SAC	RJ45
I/O Bus	1	Walker ASCII Protocol I/O Bus	4 pin terminal Header

ELECTRICAL / MECHANICAL FROM POWER SUPPLY ATTACHED

POWER SUPPLY	VA RATING*	BOARD SIZE	POWER CONNECTOR
SAC	12**	49 x 135 mm	IDC 12
16 - 24 VAC Half Wave	12		4 pin terminal Header
16 - 24 VAC Full Wave	12		

* loaded VA rating

** power supplied by the attached MicroSAC - ensure transformer is rated for SAC plus connected IOB-CC

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