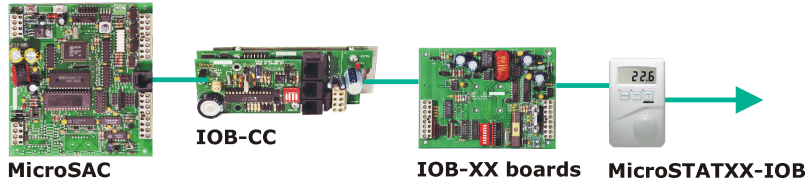




WALKER SYSTEMS

building intelligence



DESCRIPTION

I/O Bus is a communication bus that uses Walker ASCII protocol to link a SAC with I/O Bus expansion modules. The communication link is a master/slave system. I/O Bus modules can provide the SAC with many different I/O configurations of inputs, analog outputs, or Triac digital outputs. The modules are linked with I/O Bus communication lines that can also double as the power supply lines.

The allowable number of I/O modules added to a panel is dependent on the type of I/O modules and controller selected (typical applications: 32 I/O modules per WS1616, 24 I/O Bus modules per MicroSAC/MiniSAC).

Take advantage of the I/O Bus features to decrease the total installed cost for most applications. Use I/O Bus and its modules to do the following:

- Reduce Hardware Costs
- Reduce Wiring Costs
- Reduce Installation Costs
- Reduce Engineering Time
- Easy expansion

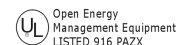
DESIGNED & MANUFACTURED IN CANADA BY **WALKER SYSTEMS CORPORATION**
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I/O Bus (I/O EXPANSION NETWORK)

FEATURES

- Increase the power and point capacity of all SAC panels.
- Maximize Walker Systems flexibility and accessories while maintaining the industries most simplistic architecture.
- I/O Bus is a master/slave system that uses Walker ASCII protocol for communicating between expansion modules and a SAC
- I/O Bus provides seamless information transfer between I/O Bus expansion modules and a SAC.
- The type of SAC and I/O Bus devices installed determines the total number of devices allowed per I/O Bus.
- The Communication link and power for the low power I/O modules are multiplexed together and sent over a single shielded twisted pair cable.

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FORM # WSC99-078