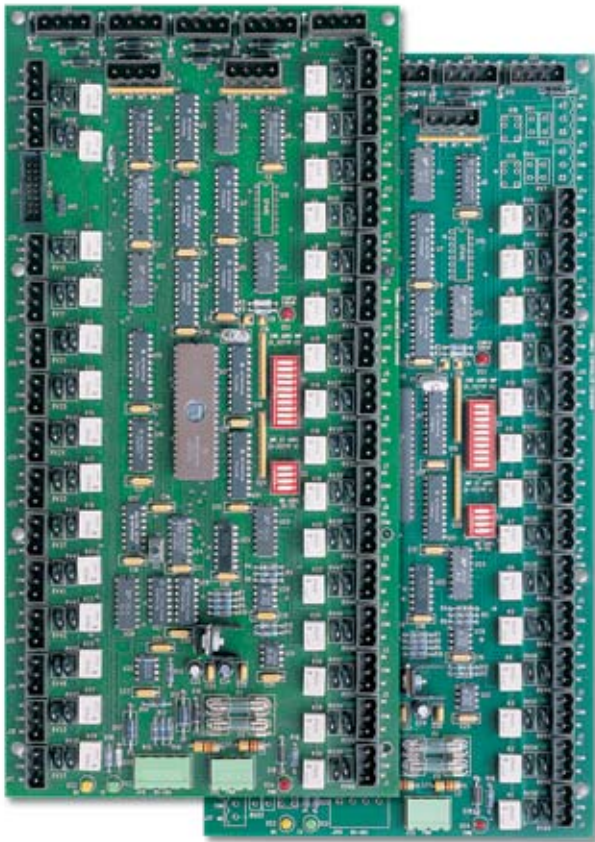


AC-460/AC-460E 16 Bit I/O Expansion Unit

Sielox

Increase terminal controller input/output capacity
Increase point control or elevator floor selection outputs
Linked relationship to controller



The AC-460 delivers increased input/output capacity for the AC-600 and AC-900 Terminal Controller. A 16-bit I/O board, the AC-460 adds 14 inputs and 14 outputs to the 2 inputs and 2 outputs provided on every terminal controller. Input states include active, secure, cut and short. This expansion unit shares the intelligence of the Terminal controller's memory.

Maximize system capacity

Expanding the supervised input capacity to 16, the AC-460 uses the same supervision scheme as the original Terminal Controller. The unit also increases the Terminal Controllers output capability from 2 to 16. The additional outputs are standard SPDT dry contact relays. Outputs may be configured for fail-safe or fail-secure operation.

The AC-460E increases the number of available outputs for point control or elevator floor selection. The unit allows for 30 outputs (floors) and works with the AC-600 or AC-900. Both the AC-460 and the AC-460E can be mounted inside the same enclosure as the terminal controller.

Inputs and outputs for both units can be linked together through the configurations of every Terminal Controller. These linked relationships are local to the enclosure. If communications are lost within the network, these relationships will still be maintained.

AC-460/AC-460E

16 Bit I/O Expansion Unit

Specifications:

AC-460/AC-460E 16 Bit I/O Expansion Unit

Electrical

Voltage:

12 Volts DC ($\pm 10\%$)

Current Dissipation:

AC-460: 200mA min.
550mA max.

AC-460E: 200mA min.
950mA max.

Cable Types:

I/O Controller 16-Conductor Ribbon Cable
Inputs 22 gauge, twisted pair, shielded

Cable Lengths:

To Input 500-foot maximum
To Outputs Application dependent

Contact Ratings:

.5 amp max at 24 VDC or VAC

Physical

Printed Circuit Board:

6.0" wide
12.0" tall

Metal Enclosure:

19 $\frac{1}{4}$ " wide
18 $\frac{1}{4}$ " tall
4 $\frac{1}{2}$ " deep

- $\frac{3}{4}$ " Conduit knockouts
- Key-operated lock

Mounting hardware available for custom enclosures

Environmental

Operating Temp:

0 to 50 degrees C

Relative Humidity:

90% operating (non-condensing)

Features

AC-460:

Fourteen supervised auxiliary inputs
Fourteen SPDT dry contact relay outputs

AC-460E:

Fourteen supervised auxiliary inputs
Thirty SPDT dry contact relay outputs

*line supervision if desired (4-states reported)

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