

Type 2 Lift Control Interface

Elevator control up to
16 floors



Features that make a difference:

- CEM S9032 Lift Controller – which is an intelligent embedded network device for control of lifts within the CEM AC2000 system
- One S9032 lift controller can support up to two lifts
- Inputs in the Lift Control Interface unit can record which lift floor selection panel button was selected
- Reportable Cardholder traceability throughout building floors
- Type 2 Lift control interface comes in a lockable wall mount steel enclosure with inbuilt tamper protection

The CEM lift control solution allows seamless control and monitoring of access between elevator floors. Depending on how many floors need controlled, each lift must have a Lift Control Interface (LCI) unit, which is used in conjunction with the CEM S9032 lift controller.

Customers can choose from a range of lift control interfaces including; Type 2 Interface, which controls up to 16 floors.

A Lift Control Interface unit directly connects to a lift floor selection panel. The LCI unit outputs activate buttons on the lift floor selection panel according to the access permissions of the card holder. LCI inputs then record which button was pressed.

Type 2 LCI is fitted with one output card (16 outputs), one input card (16 inputs), and a power supply unit all mounted in an enclosure. Also included in the Type Two LCI is an S600s reader board, to host an external third party read head. The external Wiegand type third party head is normally fitted within the lift cabin adjacent to the floor selection panel.

CEM Lift Control solution for up to 16 floors

At the heart of the AC2000 lift control solution is the S9032 Lift Controller. The controller handles all access requests based on the access levels applied to any individual card holder.

After a valid card transaction at the third party lift reader, an RS485 serial signal is sent to the Type 2 lift control interface (LCI) unit. The LCI outputs to the lift floor selection panel, enabling controls only to the buttons that the cardholder has access to. When an enabled button is pressed the lift will function in the normal way.

Each button may have a sensor, optionally connected to the LCI inputs. The LCI will send a signal back to the S9032 lift controller informing the AC2000 access control system which floor was selected.

Specifications

Physical

Size: 400mm x 400mm x 200mm
 Weight: 9 kgs
 Housing: steel enclosure / Colour Beige

Power

Voltage Mains power adapter 220-240Vac (supplied)
 Output voltage 12Vdc @ 2.0A
 Current Consumption 300mA

Environmental

Temperature -10° to 50°C (14° to 122°F)
 Humidity 95% non condensing
 LED Indicators Online/Offline, comms connection, Activity/
 Status, Power and Heartbeat

Communication Interface

To card reader RS485 multi-drop cable runs using Belden
 with maximum length of 1.2km without repeater
 Connection to host Screw terminals
 Input connections 8 way JST male
 Output connections 6 way JST male

Requirements

- AC2000
- AC2000 Airport
- AC2000 Lite Server bundle*
- S9032 Lift Controller

* Not supported in AC2000 Lite Software-only Virtual Kit

Ordering Information

Product Code	Description
DAC/390/L32	S9032 Lift Controller
IOC/000/008	Lift Control Interface Type 2 (up to 16 floors)

Related Products



AC2000 SE



AC2000 AE

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