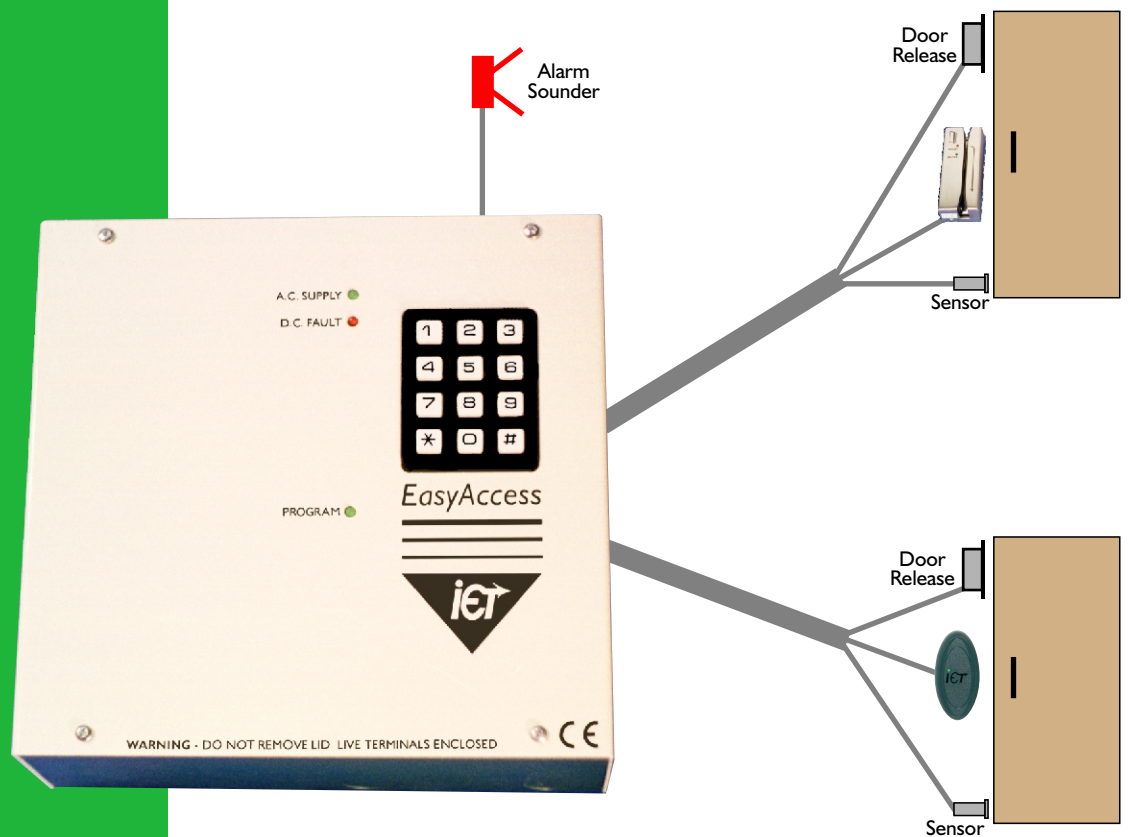




EasyAccess

2 Door Card Reading Access Control System with built-in lock supply and easy programming



EASY TO PROGRAM - NO SHADOW CARDS NEEDED

TWO DOOR CONTROL WITH SINGLE OR DUAL ZONES

LOG-ON PENALTY TIMER

4016 SINGLE ZONE CARD STORAGE CAPACITY

INTEGRAL 1.8 AMP DOOR POWER SUPPLY

MAGSTRIPE, PROX OR WIEGAND CARDS

SEPARATE TAMPER AND DOOR ALARM OUTPUTS

BLOCK ADD AND DELETE CARD FUNCTION

FORCED DOOR AND DOOR HELD ALARM OUTPUT

NON-VOLATILE SYSTEM MEMORY

The EasyAccess door entry system with its internal power supply allows a neat cost effective self contained access system to be quickly installed with the minimum number of boxes on the wall.

Dual zone operation (2008 card capacity) allocates individual cards to either one or both doors.

Because the card readers used are all remote from the control unit and the lock control circuits, a high degree of security is assured as tampering with the card reader connections will not affect the door locks.

The keypad with a Yes/No programming interface is equipped with LED and audio feedback so minimal familiarity is required to set up the system. Adding or removing cards may be done singly or on a block basis using the keypad. Cards may also be controlled by means of the Learn/Forget cards function.

Doors can be unlocked from the keypad or via the request to exit push button inputs for momentary operation.

Reliability is assured as EasyAccess makes use of cool running CMOS technology and non volatile storage of card and configuration information.

The EasyAccess shares the same card formats as the I.E.T. Tower and Integra systems and so may be easily upgraded to an on-line system without having to re-issue cards.

Mains and low voltage power status indication is provided on the front panel.

GENERAL TECHNICAL DATA

CARD OR KEYFOB CAPACITY

2008 numbered 1 to 2008 in dual zone (door specific) mode.
4016 numbered 1 to 4016 in single zone (any door) mode.

CARD FORMATS

Magnetic stripe - Tower (Standard ISO), Tower (Bank ISO)
Wiegand/Prox. - 26 bit, Tower (34 bit)

NUMBER OF DOORS - 2 using fail safe or fail secure locks

DATA STORAGE - Non-volatile

PROGRAMMING

Via panel mounted keypad protected by a 6 digit log-on code and 30 second penalty timer. An LED function status indicator and audio sounder are also provided.

DIMENSIONS

202 mm wide x 190 mm high x 75 mm deep

WEIGHT

EZAC-1 (Including battery) 2.83 Kg.
EZAC-7 (Including battery) 4.9 Kg.

POWER REQUIREMENTS

Input: 210 - 250V ac, 40 - 70Hz @ 30VA. from an unswitched spur.
Internal 12 volt current consumption = 10 ma. quiescent, 45 ma. maximum (logged on with both doors open).

INTERNAL BATTERY BACKUP

EZAC-1 includes 1.2 Ah 12 volt battery for use with "fail secure" lock types. Provides 24 hours typical operation when used with 2 x TMR2 Mag. Stripe card readers and 2 x 200 ma. "fail secure" door releases.

EZAC-7 includes 7 Ah 12 volt battery for use with "fail safe" lock types. Provides 9 hours typical operation when used with 2 x TMR2 Mag. Stripe card readers.

LOCK POWER OUTPUT

1.8Amps total @ 13.8 V dc (typical). Lock control relay common connections are at ground potential to allow easy control of external gates and barriers.

OVERLOAD PROTECTION

1 x 1A mains fuse, 1 x 2A low voltage AC fuse, 1 x 2A battery fuse. and electronic current limiter.

CABLE ENTRY

Via 20mm knockouts. 2 on the top surface and 2 on the lower surface. An additional 20mm hole is provided in the base. Mains termination via 3 way fused terminal block inside unit.

CURRENT PROTECTION

Charger protected by electronic shut down. Battery protected by fuse in case of accidental short circuit.

POWER STATUS INDICATION

Via two front panel L.E.D.'s. Green (Power on), Red (mains failure and/or overload fault).

MOUNTING POSITION

Any using the three internal 4mm fixing holes.

TAMPER ALARM

A magnetic tamper sensor is fitted to the lid and an open collector output provided for driving a remote 12 Volt sounder (0.3Amp max.).

DOOR AND CARD READER INPUTS

Via an 8 way barrier strip connector - one for each door. Each connector provides card reader data, request to exit and door contact monitor inputs.
Card reader power (6 or 12 volt jumper selectable) and reader indication outputs are also provided.

DOOR OUTPUTS

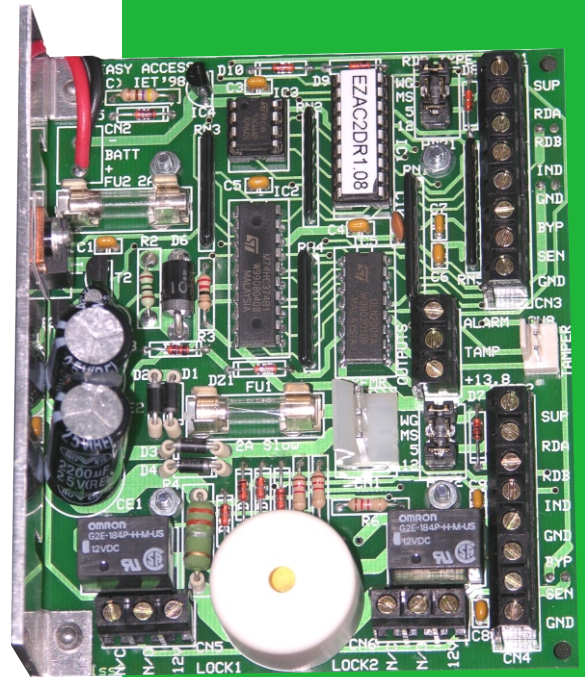
Via a 3 way barrier strip connector - one for each door. Pre-wired 12 volt relays with normally open and normally closed contacts rated at 2 A are provided to allow use with both "fail safe" and "fail secure" door locks.

ALARM OUTPUTS

Two open collector alarm outputs are provided via a 3 way barrier strip connector . Each output must not be driven by a source exceeding 14 volts DC and must not sink a current in excess of 0.3 Amp. A 13.8 Volt DC output is also provided.

The two alarms are:-

- 1) TAMPER - Activates when Lid is removed.
- 2) DOOR ALARM - Activates when a "forced door" or "door jammed" alarm is detected.



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