



EASYCODE

Keypad Entry System



- ▶ **STAND-ALONE DOOR ENTRY SYSTEM**
- ▶ **CODES PROGRAMMABLE FOR TIMED OR LATCHED OPERATION**
- ▶ **WEATHER AND VANDAL RESISTANT**
- ▶ **HIGH QUALITY STAINLESS STEEL CASE AND BUTTONS**
- ▶ **AVAILABLE IN POLISHED BRASS**
- ▶ **INTERNAL SOUNDER FOR CODE ACCEPTANCE**
- ▶ **MULTI-FUNCTION AUXILIARY RELAY**
- ▶ **LOW POWER CONSUMPTION**
- ▶ **INTEGRAL TAMPER ALARM**

The Easycode is a stand-alone push-button door access system available with either ten (EZ10) or fifty (EZ50) programmable codes. This compact and durable unit is elegantly finished in vandal resistant stainless steel and is suitable for either internal or external use.

Access codes are held in non-volatile memory in case of temporary power failure and may be of four, five or six digits depending on the level of security required. To avoid discovery by an onlooker the code may be entered as part of a string of numbers up to twenty digits long. Each code may be programmed to give a timed or latched release operation.

The unit has an LED indicator and an internal sounder for enhanced keyboard feedback. In addition to the door strike output the Easy code offers a second programmable relay which can be used to indicate Tamper, Forced Door, Penalty Count and Door Open Too Long alarms via a remote sounder. This relay may also be used to activate an intruder alarm.

The Easycode is slim enough to mount on the door frame and uses standard cable entries for ease of installation. Programming is equally simple using the positive action turned metal buttons.

EASYCODE

Technical Specifications - EZ50

PROGRAMMING

The programming mode is entered via a user defined 6 digit code. To overcome changes of ownership or forgotten codes, a back-up master code may be entered within one minute of powering up.

PENALTY COUNT

No more than 20 digits may be entered prior to a valid entry code. If this number is exceeded the keypad is disabled for a preset penalty time.

CODE STORAGE

Non volatile storage of 50 entry codes and one 6 digit log-on (programming) code.

CODE SELECTION

All codes are defined individually and may be 4, 5 or 6 digits. Each may be programmed to operate relay 1 or 2, and may also be set up for latching operation to allow coded control of alarm systems etc.

CODE ENTRY

Valid codes may be disguised in a stream of up to twenty digits to avoid discovery by onlookers. A green LED indicates door operation and programming status while a variable pitch internal sounder confirms code acceptance or rejection.

ALARM FUNCTIONS

Alarm outputs are available via the auxiliary relay contacts. Alarms detected in descending order of priority are :-
Tamper, Forced Door, Penalty Count and Door Held (ajar).

The alarm output pulses at a rate set by the highest priority alarm detected to allow remote identification of the cause.

TAMPER ALARM

A Hall effect solid state tamper alarm is activated only when the lid is removed.

OUTPUT RELAYS

Relay 1 - Door Release Relay.

Timed or latching operation. In latched operation the relay is reset either by a valid code or by the door sense input closing.

Fully floating changeover contacts @ 2 amps 24V ac or dc.

Relay 1 - Door Release Relay.

Timed or latching operation. In latched operation the relay is reset by a valid code only. Mode selectable for normally energised/de-energised and for alarm or door operation.

Fully floating contacts @ 2 amps 24V ac or dc.

POWER REQUIREMENTS

External fused mains transformer providing :-

9 - 20V ac, 40 - 70 Hz @ 2VA or a dc supply equipped with a battery backup providing 11 - 28V dc.

Current @ 12V = 9 - 45ma with both relays operating.

Current @ 24V = 34 - 70ma with both relays operating.

CONSTRUCTION

All stainless steel case with vandal resistant stainless steel metal buttons operating real key switches for excellent reliability.

A sealing membrane is fitted between the buttons and the keyboard switches. The PCB is conformally coated for additional corrosion protection.

A 20 mm cable entry is provided at the rear of the unit.

UNIT DIMENSIONS

90mm wide x 85mm high x 35mm deep

UNIT WEIGHT

0.38 Kg.

OPERATING ENVIRONMENT

Temperature 0-60 deg C, 10-90% RH

Supplied by:

For further information please contact our technical advisors



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