E-ACKR-WDB
DIGITAL ACCESS CONTROL CARD READER KEYPAD

- Epoxy Coated Silicone Rubber Back-lit Key Board
- Weatherproof Surface Mount Housing
- PINs & 125Khz EM Cards or Keyfobs
- Wiegand Data Output Reader + Stand-Alone Keypad
- Three Relay Output for Door Strike, Auxiliary Control and Door Bell
- Full Feature Self-Contained or Inter-lock Door Lock System
- Open Collector Outputs for Output 3, Alarm, Key Active and Duress
- Total 1,200 Users + 50 Visitors

The E-ACKR-WDB is a self-contained weatherproof keypad with three relay outputs. It combines the functions of digital keypad and proximity EM card reader in one unit. The buttons of the keypad are epoxy coated silicone rubber that is prepared for high traffic access control applications.

The E-ACKR-WDB has been designed to work independently as a stand-alone keypad. It is also a card reader providing 26 bits of Wiegand data output from reading of an EM Card and 34 bits data output from the entry of a pin/User Code. The Wiegand data can be used by consultants and end users when setting product design or system installation criteria.
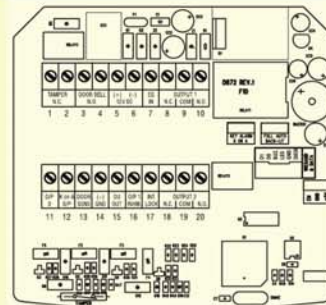
It is an ideal keypad mainly for Door Strike and Alarm Arm-Disarm Control. It can also be a programmable industrial timer (with the timing of 1 second to over 24 hours) for Automatic Operator Systems.

The E-ACKR-WDB has three output relays for Output 1, 2 and Doorbell Button, and has an open collector output for Output 3.

MAIN FEATURES

- Stand Alone Electric Lock or Inter-Lock Installation
- Users for Output 1 – 1,000 (PINs and/or Cards) + 50 Duress Codes
- Users for Output 2 – 100 (PINs and/or Cards) +10 Duress Codes
- Users for Output 3 – 100 (PINs and/or Cards) + 10 Duress Codes
- 50 Visitor Codes for Output 1, Programmable for One Time; or Valid for 1 to 99 Hours
- Over 100 Million Combinations for User PINs
- Super User Code Operates The Output 1, 2 & 3, Also Makes Inhibit or Resets Inhibit for Output 1
- Wiegand Data Output for The Valid Entry of PINs (34 bits) & Reading of EM Cards (26 bits)
- Sole Reader Mode Provides Wiegand Data Output for All PIN Entries & Card Readings
- Card Reader Compatible with All The Standard 125Khz Proximity EM Cards & Keyfobs
- Programmable Intelligent Egress Button Controls "Going Out" with Delay, Warning and Button Contacting Manners of Momentary or Holding Contact
- Common User PIN, Group User PINs & Private User PINs for Working with The EM Card for Various Levels of Security Enhancement
- ON-OFF Selectable for Pacifier Tone, Standby Flashing LED & Keyboard Back-lit Lighting
- Input Terminals for Door Position Sensor, Egress Button & Output 1 Inhibit Control
- Open Collector Outputs for The Duress, Alarm, Key Active, Inter-lock & Output 3, 100mA Sink / 24VDC Maximum Rating
- Output Relay 1 – N.C. & N.O. Dry Contacts, 5A / 24VDC Maximum
- Output Relay 2 – N.C. & N.O. Dry Contacts, 1A / 24VDC Maximum
- Output Relay 3 – N.O. Contact Only for Bell Button
- Extremely Long Programmable Timer for Output Relays; 1 Second to Over 24 Hours
- Tamper Switch – N.C. Dry Contact; 50mA/24VDC
- Operating Voltage Range : 12VDC Nominal; 11-15VDC
- Operating Current : 50 (Quiescent) to 150mA (3 Relay Active)
- Operation Temperature : -4 Deg F to +158 Deg F (-20 Deg C to +70 Deg C)
- Environment Humidity : 5-95% Relative Humidity, Non-condensing
- Operation Environment & Ingress Protection : All Weather, IP-55
- Weatherproof ABS Plastic Housing in Metallic Black Color
- Dual Level Back-lit Keyboard
- Weight : 0.573 lb (260g)
- Dimensions (W x D x H) : 4.60 x 1.10 x 4.60 in

Specifications are subject to change for modifications without notice

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