

<b>Reference:</b>	<b>DK-2821</b>
<b>Description:</b>	<b>SINGLE OUTPUT RELAY DIGITAL ACCESS CONTROL KEYPAD WITH EM CARD READER</b>

## Specifications

- Durable Epoxy Coated Silicone Rubber Back-lit Key Board
- Stainless Steel Faceplate on Surface Mount Plastic Housing
- Sand Brushed Faceplate in Natural Steel Color
- Surface Mount Box in Black
- Surface Mount on Wall or Flush Mount on Gang Box
- Operated with PINs & EM Cards
- Built-in Data I/O Port Expandable for Split-decoded Operation
- Self-contained Keypad or Split-Decoded Keypad
- 26-bit & 34-bit Wiegand Data Output Reader Keypad



The DK-2821 is a self-contained single relay output keypad. 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 DK-2821 has been designed to work independently as a stand alone keypad. It is also a card reader providing of 26 bits 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 set product design or system installation criteria.

It is an ideal keypad mainly for Door Strike or 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.

## Technical specifications

- Split-decoded or Stand Alone Operation
- Self-contained Keypad for Door Strike
- 1,000 User PINs and/or Cards
- 50 Visitor Codes, Programmable for One Time; or Valid for 1 to 99 Hours
- Over 100 Million Combinations for The User PINs
- Super User Code Operates The Output Relay, Also Makes Operation Inhibit or Resets Inhibit of the Output Relay
- Wiegand Data Output for The Valid Entry of PINs (34 bits) & Reading of EM Cards (26 bits)
- Sole Reader Mode Provides Wiegand Data Output Only 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 at Various Levels of Security Enhancement
- ON-OFF Selectable for Pacifier Tone, Standby Flashing LED & Keyboard Back-lit Lighting
- Output Relay : N.C. & N.O. Dry Contacts, 5A / 24VDC Maximum
- Extremely Long Programmable Timer for Output Relay; 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 120mA (2 Relay Active)
- Operation Temperature : -20 Deg C to +70 Deg C
- Environment Humidity : 5-95% Relative Humidity, Non-condensing
- Operation Environment & Ingress Protection : All Weather, IP-50
- Flush Mount on Gang Box Or on The Supplied Surface Mount Box
- Dual Level Back-lit Keyboard
- Weight : 180gs
- Dimensions : 117(H) X 72(W) X 43(D) mm

## Packaging

Colour box