K-Prox and K-Smart are professional grade, dual technology, stand alone access controllers. Unaffected by virtually any environment (heat, rain, snow and ice – up to $\frac{3}{8}"$), K-Prox combines an Essex Piezoelectric 12 Pad 3x4 Keypad with HID 125kHz Proximity. K-Smart offers an enhanced level of security by integrating HID iCLASS® 13.56MHz smart card technology.
Features

• 502 Users
  1 Master Code (3 to 8 digits)
  500 User Codes (Pin and/or Card)
  1 Temporary Code (automatically expires in 1 to 100 hours)

• 3 Programmable Open Collector Outputs
  1 Main Output – External Relay Unlock or Encoded Relay Unlock (requires Encoded Relay Module)
  2 Auxiliary Outputs – CCTV, Internal Alarm, 2nd/3rd Door. Encoded Relay Module or External Relays may be required

• Programmable Output Time
  1 to 99 seconds

• Tamper Alarm
  Multiple incorrect entries trigger Tamper Alarm and lock out system for 30 seconds

• Remote Bypass (REX)
  Remotely activate Main Output for Programmed Output Time

• Anti-Tailgating
  Helps prevent unauthorized access

• Manual or Timed Latching
  Latch any of the 3 outputs

• Multiple Security Levels
  Control user access by requiring one or two methods of identification. An external time clock or manual key switch can lock out selected Users.

• Easily Programmable at the Keypad or PC
  Add, Modify or Delete Users from the Keypad or use EZKey PC Programming software included with optional Encoded Relay Module (ERM3). The ERM3 has a serial interface to connect to the PC. (Serial cable required)

• Vandal Resistant Design
  Fully encapsulated keypad and card reader provide superior performance in any environment

• Limited Lifetime Warranty
  Lifetime Warranty against defects in materials and workmanship

Specifications

• Power Requirements
  K-Prox/K-Smart Controller: 12 to 24VDC
  Controller w/ Encoded Relay Module (ERM3): 12 to 24VAC/DC

• Outputs
  K-Prox/K-Smart Controller: 3 Open Collector, ¼A Max to ground
  Controller w/ERM3: 3 SPDT Relays rated 6A at 120VAC

• Current Draw
  K-Prox/K-Smart Controller: 120mA Standby
  Controller w/ ERM3: 220mA Max (All 3 Relays ON)

• Transmit Frequency
  K-Prox: 125kHz
  K-Smart: 13.56MHz

• Keypad Switch Life
  > 1 Billion Cycles

• Dimensions
  Height  Width  Depth
  K-Prox/K-Smart: 7 ¾” (19.1 cm) 3 ¾” (9.5 cm) 1 ½” (3.8 cm)
  ERM3: 5 ½” (14 cm) 7 ½” (19 cm) 2 ½” (6.4 cm)

• Material
  Keypad Bezel: 316L Stainless Steel
  Keypad: 304 Stainless Steel
  Card Reader Housing: XYLEX®

• Operating Environment
  K-Prox/K-Smart Controller: – 40° C to +70° C (– 40° F to +160° F)
  100% Relative Humidity
  ERM3: – 40° C to +49° C (– 40° F to +120° F)

A – Choose SERIES
  KPX • K-Prox
  KIS • K-Smart

B – Choose MATRIX
  34 • 12 Pad 3x4

C – Choose FINISH/STYLE
  S • Stainless Bezel (shown)
  K • Black Bezel
  B • Brass Finish* Bezel
  * Note: Bezel is Brass in appearance. Actual Bezel is Stainless Steel with long lasting PVD coating

D – Choose RELAY MODULE (Optional)
  ERM3 • Encoded Relay Module (includes 15’ Wiring Cable and EZKey PC Programming Software)

EXAMPLE:

K P X - 3 4 S - E R M 3

ORDERING GUIDE

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