

Heavy Duty Door Access Switches

Essex Piezoelectric Door Access Switches are heavy duty, stainless steel, timed electronic switches designed to operate in various high use, harsh and vandal prone environments. These multipurpose, programmable switches can be used to control an automatic door, electric lock/strike, magnetic lock or any electrically controlled device. They feature solid-state Piezoelectric Switch technology and field selectable options including adjustable timed output and illumination status.

NEW Hand-E-Tap™ Series

- Power Requirements: 12-24VDC*
- One Output: 1 SPDT Relay (8A @ 30VDC, 125 VAC)
- Toggle or Adjustable Output Time: 1 to 60 seconds
- Dimensions: Single gang 5 1/8" x 3 3/8" x 1"
- Current Draw: < 8mA Standby, 100mA max

The Hand-E-Tap Series can be customized with laser marked graphics, text, symbols or logos. No charge for quantities of 25 or more.



PHSS1 - US



PHSK2 - US

Additional graphics & finishes available.



PEBSS2 - US



PEBSSN2

Touch to change color
All PEB Series feature selectable illumination. Brilliant red, vibrant green or no illumination can be selected for standby and switch activation status

Essex Part No.	Description
PHSS1 - US	Hand-E-Tap Access Switch, ADA Wheelchair Icon, Stainless Bezel
PHSK2 - US	Hand-E-Tap Access Switch, "Push to Open", Black Bezel
PHSSCB - US	Hand-E-Tap Access Switch, Custom Laser Graphics, Stainless Bezel

PEB Series

- Power Requirements: 12-24VDC*
- Two Outputs: 1 N/O, 1 N/C (2A 30VDC Resistive, 1/2A 125 VAC)
- Adjustable Output Time: 1 to 40 seconds
- Dimensions: Single gang 4 1/2" x 2 3/4" x 1 1/4" Narrow 4 1/2" x 1 3/4" x 1 1/4"
- Current Draw: <10mA Standby (LED's OFF), 120mA max (Relay ON)

Essex Part No.	Description	Faceplate Graphics
PEBSS0 - US	U.S. Single Gang Switch	No Graphics
PEBSS2 - US	U.S. Single Gang Switch	"PUSH TO EXIT"
PEBSS6 - US	U.S. Single Gang Switch	"PUSH TO OPEN"
PEBSSN0	Narrow Switch	No Graphics
PEBSSN2	Narrow Switch	"PUSH TO EXIT"

*Important Note: Door Access Switches will not operate with <11VDC. Backup power (i.e. UPS) is required for operation during a power interruption. 1

Rugged Access Control Readers

KTP Series

Over the past decade, the Essex KTP Series Keypad Readers have become the choice of access control OEM's and security professionals worldwide. They are virtually indestructible Keypad readers designed to interface with most access control panels. Fully encapsulated with no moving parts, these readers are unsurpassed in their ability to tolerate any environment.

- Superior Performance: Tested >1 Billion cycles.
- Weatherproof/Waterproof: -40° C to +70° C [-40° F to + 160° F], 100% Relative Humidity
- Laser Marked Keypad Graphics withstands wear from high use and harsh environments (i.e. JA Jetfuel, bleach)
- Field Selectable: 5 or 12VDC Input Voltage, Site Code (26 Bit Wiegand), Baud Rate/Parity (Serial ASCII)
- Keypad Certifications: UL Listed Access Control Accessory, CE Compliant, Part 15 of FCC rules and regulations.
- Limited Lifetime Warranty



KTP 12 Pad 3x4

A stainless steel Keypad reader designed to tolerate even the most extreme environments.

- Dimensions: 5 1/8" x 3 3/8" x 7/16"
- Current Draw: < 20 mA
- Mounting: Single gang, surface or flush mount
- Keypad Bezel: Stainless Steel (SN), Black (KN), Brass Finished (BN) or no Bezel (XX)

Essex Part No.

KTP - 103 - SN

KTP - 163 - SN

KTP - 173 - SN

KTP - 193 - SN

KTP - 223 - SN

KTP - 4853 - SN

KTP - 983 - SN

Keypad Output *

26 Bit Wiegand

8 Bit Word

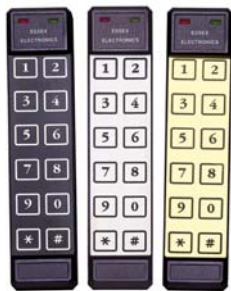
ABA Track II

Infrared/Bar Code

BCD

RS - 485

Serial ASCII



KTP Thinline 2x6

The Thinline 2x6 is a narrow style Keypad intended for Mullion Mount applications.

- Dimensions: 7 1/8" x 1 3/4" x 3/4"
- Current Draw: < 20 mA
Illuminated: < 60 mA
- Mounting: Surface or mullion mount
- Keypad Overlay: Stainless Steel (SN), Black Illuminated (LI) or Brass (BN)

Essex Part No.

KTP - 102 - SN

KTP - 162 - SN

KTP - 172 - SN

KTP - 192 - SN

KTP - 222 - SN

KTP - 4852 - SN

KTP - 982 - SN

KTP - 132 - SN

Keypad Output *

26 Bit Wiegand

8 Bit Word

ABA Track II

Infrared/Bar Code

BCD

RS - 485

Serial ASCII

Regency 4700 Compatible

* Custom outputs also available. Call 1-800-KEYLESS or www.keyless.com

PiezoProx® and iSMART™

PiezoProx & iSMART are virtually indestructible, professional grade, dual technology access control readers. Compatible with most OEM panels, PiezoProx combines an Essex Piezoelectric Keypad with HID 125kHz Proximity. iSMART offers an enhanced level of security by integrating HID iCLASS® 13.56MHz smart card technology.



iSMART Reader with CARD - 2080

- Weatherproof/Waterproof: -40° C to +70° C, 100% Relative Humidity
- Card Reader: HID Proximity (PPH), HID iCLASS (ISH).
- Keypad Output: 26 Bit Wiegand (103) or 8 Bit Word (163)
- Keypad Bezel: Stainless Steel (SN), Black (KN) or Brass Finished (BN)
- Current Draw With LED's Without LED's
5 Volt < 50mA < 30mA
12 Volt < 80mA < 35mA
- Mounting: Single gang switchbox or surface mount
- Dimensions: 7 1/4" x 3 5/8" x 1 1/2"

Card Reader Options



Essex Part No.

PPH - 103 - SN

ISH - 103 - SN

FOB - 1346 - 50

FOB - 2050 - 50

CARD - 1326 - 100

CARD - 2080 - 100

Description

PiezoProx® Reader- HID Proximity w/ 26 Bit Wiegand Keypad, Stainless Bezel

iSMART™ Reader - HID iCLASS w/ 26 Bit Wiegand Keypad, Stainless Bezel

50 ea. HID Prox Keyfobs (125kHz 26 Bit Proximity)

50 ea. HID iCLASS Keyfobs (13.56MHz 37 Bit iCLASS)

100 ea. HID Clamshell Prox Cards II (125kHz 26 Bit Proximity)

100 ea. HID Clamshell iCLASS Smart Cards (13.56MHz 37 Bit iCLASS)



FOB - 1346

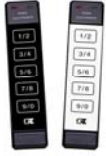


CARD - 1326

Versatile Keypad Access Control Systems

All Weather Keypad • Request to Exit • Latching • Anti Tailgating • Tamper Alarm • Programmable Output Time • Non Volatile Memory

SKE-6



Self Contained, Access Control Keypad

- 6 User
- 12-24VAC/DC In/Out
- 1 SPDT Relay (2 amp at 24V max)
- 2 Auxiliary Open Collector Outputs (¼A)
- Keypad Programmable

Essex Part No.

Description

- | | |
|------------------|----------------------------------|
| SKE - 6LI | SKE-6, Black Illuminated Overlay |
| SKE - 6SN | SKE-6, Stainless Overlay |

SKE-34/SKE-26 Multiple User, Self Contained, Access Control Keypad



- 500 User
- 12-24VDC In/Out
- 1 SPDT Relay (2 amp at 24V max)
- 2 Auxiliary Open Collector Outputs (¼A)
- Keypad Programmable
- CSA Listed for Elevator Access Control
- 3x4 Bezel: Stainless (S), Brass (B) or Black (K). 2x6 Overlay: Stainless (S), Black (I), Brass (B)

Essex Part No.

Description

- | | |
|------------------|-------------------------------|
| SKE - 34S | SKE-34, 3x4 Stainless |
| SKE - 26I | SKE-26, 2x6 Black Illuminated |

KE-265



Secure, Stand Alone Keypad Access Control System

- 6 User
- 12 - 24VAC/DC In/Out
- 2 SPDT Relays (6 amp, 120VAC)
- Keypad Programmable
- Separate control module for secure access
- 3x4 Stainless, 5 Pad Stainless or 2x6 Stainless

Essex Part No.

Description

- | | |
|------------------------|----------------------------------|
| KE - 265 - 34S | KE-265 w/ 12 Pad 3x4 Stainless |
| KE - 265 - 5S | KE-265 w/ 5 Pad Stainless |
| KE - 265 - 26TS | KE-265 w/ Thinline 2x6 Stainless |

K1



All-In-One, Secure Keypad Access Control System or OEM Reader (26 Bit Wiegand, 8 Bit Word,...)

Configure Keypad as OEM Compatible Reader or Keyless Entry System

- 500 User
- 5VDC or 12-24VDC In/Out (Keypad)
- 3 Programmable Outputs
- Keypad and/or PC Programmable*
- 3x4 Bezel: Stainless (S), Brass (B) or Black (K)
2x6 Overlay: Stainless (S), Black (I), Brass (B)
- Optional Encoded Relay Module (ERM-3) with 3 SPDT Relays (6 amp, 120VAC) for secure access

Essex Part No.

Description

- | | |
|------------------------|------------------------------------|
| K1 - 34S | K1, 12 Pad 3x4 Stainless |
| K1 - 26S | K1, Thinline 2x6 Stainless |
| K1 - 34S - ERM3 | K1, 12 Pad 3x4 Stainless + ERM-3 |
| K1 - 26S - ERM3 | K1, Thinline 2x6 Stainless + ERM-3 |

NEW

IP Keypad



Stand Alone, Single Door Keypad IP Access Control System

- 1,000 User
- 12 - 16VDC In/Out
- 2 SPDT Relays (2A @ 30VDC)
- 5,000 Stored Audit Events
- 8 Programmable Schedules
- PC Programmable: Managed via standard web browser
- Built in 802.3af PoE (Power Over Ethernet)
- Works with DHCP or Static IP networks
- Migrates to a host based system
- 3x4 Bezel: Stainless (S), Brass (B) or Black (K)
2x6 Overlay: Stainless (S), Black (I), Brass (B)
- Browser "Door Dashboard" accesses remote door commands, status, alarms and recent events

Essex Part No.

Description

- | | |
|------------------|-----------------------------|
| KIP - 34S | KIP, 12 Pad 3x4 Stainless |
| KIP - 26S | KIP, Thinline 2x6 Stainless |
- UL Listed Access Control System



*EZKey PC Programming Software included with optional Encoded Relay Module (ERM-3)

Dependable Combo Keypad/Card Access Control Systems

K – PROX



Stand Alone Keypad + HID Proximity Access Control System



- 500 User (Pin and/or Card)
- 12 – 24VDC In/Out
- 3 Programmable Outputs
- Keypad + HID 125 kHz Proximity
- Keypad and/or PC Programmable*
- Keypad Bezel: Stainless Steel [KPX-34S], Brass Finished [KPX-34B] or Black [KPX-34K]
- Optional Encoded Relay Module [ERM-3] with 3 SPDT Relays [6 amp, 120VAC] for secure access
- HID Proximity Cards and Keyfobs are available on page 2.

<u>Essex Part No.</u>	<u>Description</u>
KPX – 34S	K-Prox,3x4 Stainless w/Prox
KPX – 34S – ERM3	K-Prox,3x4 Stainless w/Prox + ERM-3

*EZKey PC Programming Software included with optional Encoded Relay Module [ERM-3]

NEW

IP Keypad + Card Stand Alone, Single Door Keypad + HID Card IP Access Control System



- 1,000 User (Pin or Card)
- 12 – 16VDC In/Out
- 2 SPDT Relays [2A @ 30VDC]
- 5,000 Stored Audit Events
- 8 Programmable Schedules
- Keypad + 125 kHz HID Proximity or 13.56MHz HID iCLASS Smart Card
- PC Programmable: Managed via standard web browser
- Built in 802.3af PoE (Power Over Ethernet)
- Works with DHCP or Static IP networks
- Migrates to a host based system
- 3x4 Bezel: Stainless (S), Brass (B) or Black (K).
- Browser "Door Dashboard" accesses remote door commands, status, alarms and recent events
- HID Proximity or iCLASS Cards and Keyfobs are available on page 2.

<u>Essex Part No.</u>	<u>Description</u>
KPIP – 34S	IP Keypad + HID Proximity, 12 Pad 3x4 Stainless
KSIP – 34S	IP Keypad + HID iCLASS, 12 Pad 3x4 Stainless



Durable Accessories

Stainless Steel Spy Proof Housing



For areas with low ambient lighting, the Illuminated Stainless Steel Spy Proof Housing provides cool blue illumination and serves to limit the view of an unwelcome onlooker. Available exclusively for the Essex 12 Pad 3x4 or Hand-E-Tap Door Access Switch.

- Dimensions: 5 3/8" x 3 3/8" x 1" to 2 1/4"
- Stainless Steel Construction
- Long Lasting blue LED's

<u>Essex Part No.</u>	<u>Description</u>
SH – 34SI – 5	Illuminated Spy Proof Housing – 5VDC*
SH – 34SI – 12	Illuminated Spy Proof Housing – 12VDC*
SH – 34S	Non Illuminated Spy Proof Housing

*Can be powered by an Essex Keypad DC or separate DC power source

Stainless Steel Back Box

To solve various height and uneven surface installation challenges, Essex offers the ADA sensitive Stainless Steel Back Box. The Back Box is designed for any Essex 12 Pad 3x4 Keypad, single gang PEB Series or Hand-E-Tap Access Switch.



- Dimensions: 5 3/8" x 3 5/8" x 1/2" to 1 3/4"
- Tilts the Keypad, Exit Button or Hand-E-Tap Switch 15° for wheelchair height installation
- Stainless Steel Construction
- Simplifies mounting to uneven surfaces
- Mounting: Single gang or surface mount

<u>Essex Part No.</u>	<u>Description</u>
BAK BOX – SGS	Single Gang Stainless Back Box

Authorized Distributor