

Extreme Duty Programmable Switches



PHSS1-US

Cutting-Edge Switch Technology

Stainless Steel
Virtually Indestructible
Aircraft Quality Construction

HAND-E-TAP® SERIES



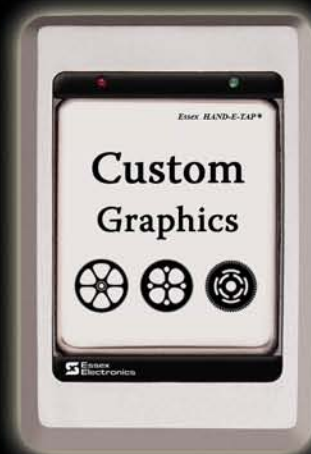
PHSS2-US



PHSK4-US



PHSB2MX-US



PHSSCB-US

- Stainless Steel Construction
- Weather/Vandal Resistant Design
- Field Selectable Options
- Limited Lifetime Warranty
- Made with pride in the USA
- ADA Compliant Switch
- Custom Graphics Available
- Rugged Piezoelectric Switch

 **Essex
Electronics**
1-800-KEYLESS keyless.com

Essex Hand-E-Tap Access Switches are virtually indestructible, ADA Compliant field programmable switches. These heavy duty, multipurpose switches are designed for all users including the sight, hearing or physically impaired. Utilizing a proprietary Piezoelectric Switch Technology allows the switch to be operated with a light tap on any area of the switch or with a gloved hand, elbow or cane. Hand-E-Tap switches can be used to control an automatic door, electric lock/strike, magnetic lock or any electrically controlled device in a variety of high use or harsh, interior or exterior commercial environments. Hand-E-Tap field selectable options include adjustable output (timed or toggle), programmable audio and illumination status feedback.



PHSS1-US



PHSK2-US

Features

Cutting Edge Switch Technology

Essex proprietary Piezoelectric Billion Cycle Switch Technology™

Vandal/Weather Resistant Design

Heavy Duty, Stainless Steel Construction and Circuit Assembly Encapsulation

Laser Marked Graphics

Withstands wear from high use and harsh environments (i.e. water, ice, sand, salt, oil, grease, bleach, cleaning agents, etc.)

Custom Graphics Available

Add text, symbols or company logo, laser marked in black. Contact Essex for details

Field Selectable Illumination

Switch Activated or Externally Controlled
Select On/Off for standby or active status

Field Selectable Audio with Finder Mode

Switch Activated or Externally Controlled
Finder mode provides a beep every 10 sec. to assist locating switch for sight impaired users

Mounting Method

Mounts directly to a single gang switchbox or optional mounting back box (BAK BOX-SGS)

Limited Lifetime Warranty

Lifetime Warranty against defects in materials and workmanship

Specifications

Power Requirements

12 to 24VAC/DC*

Outputs

Field Programmable Output Mode: Toggle or Adjustable Output Time 1 to 60 seconds

PHS: One SPDT Relay 8A @ 30VDC, 125VAC
PHO: One Open Collector, 1/4A max to ground

Current Draw Min Max

PHS Switch: < 8mA < 100mA

PHO Switch: < 8mA < 30mA + External Relay

Switch Operating Environment

IP66 Rated

- 40°F to + 160°F [- 40°C to + 70°C]

100% Relative Humidity

Dimensions	Height	Width	Depth
	5 1/8"	3 3/8"	1"

Material

Switch Housing: 304 Stainless Steel

Switch Bezel: 316L Stainless Steel

Weight

15.8 oz. (447 gm)

☞ For enhanced switch illumination, the Hand-E-Tap Series can be used with an Essex Illuminated Spy Proof Housing. An angled mounting Back Box is also available for surface mount installations. See Accessories for more information.

Ordering Guide

A - Choose SWITCH

PHS • Hand-E-Tap™ w/8A Relay

PHO • Hand-E-Tap w/O. C. Output*

*Open Collector Output requires an external 12VDC relay

B - Choose FINISH

B • Brass Finished Bezel*

K • Black Bezel

S • Stainless Steel Bezel

X • No Bezel

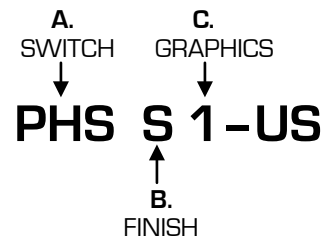
C - Choose GRAPHICS

1 • ADA Wheelchair Icon

2 • "PUSH TO OPEN"

4 • "PUSH TO EXIT"

CB • Custom in Black (25 minimum)



Part Number

Description

PHSX1	Hand-E-Tap™ Access 8A Switch, No Bezel
PHSS1-US	Hand-E-Tap Access 8A Switch, Stainless Bezel
PHSK1-US	Hand-E-Tap Access 8A Switch, Black Bezel
PHSB1-US	Hand-E-Tap Access 8A Switch, Brass Finished Bezel
PHSSCB-US	Custom Hand-E-Tap 8A Access Switch, Stainless Bezel (25 minimum)
PS-12	12 Volt AC Adaptor - 1 AMP w/6' Cord
PS-12DC	12 Volt DC Power Supply - 1.5 AMP w/6' Cord

Graphics

ADA Wheelchair Icon
ADA Wheelchair Icon
ADA Wheelchair Icon
ADA Wheelchair Icon
Custom Laser Marked in Black
N/A
N/A

*Important Note: Essex Hand-E-Tap Switches will not operate with <11VAC/DC. Backup power (i.e. UPS - Uninterruptible Power Supply) is required for operation during a power interruption. Some local building or fire safety regulations may limit the use of electronic exit buttons. Consult with local officials prior to installing for egress applications. Contact Essex technical support for wiring suggestions.