

Overview

Enhance the security of the heart of any access system with Advanced Locking Solutions from LifeSafety Power. Add control directly at the power enclosure with the HES KS Series cabinet locks on LifeSafety Power Unified Power Solutions® and ProWire® systems.

The primary option, KS210 (OSDP over RS-485), brings encrypted, supervised reader-to-controller communications to the enclosure door while preserving a fast, serviceable Small Format Interchangeable Core SFIC mechanical override for re-keying and emergency access. For project flexibility, the KS200 (Wiegand), KS-EM (Electromechanical), and KS-M (Mechanical) variants address a range of security and wiring requirements.

Features

- Advanced security for EK Series and REK Series enclosures
 - RS-485 or Wiegand terminations inside the enclosure
- Controller-logged access integrated HID multiCLASS SE reader supports standard 125 kHz and 13.56 MHz cards for audit-trail capture in the access system (no mobile credentials provided by LSP offerings)
- Rapid Re-Key and emergency access using 6 or 7-pin SFIC mechanical key override enables quick re-keying and reliable manual entry
- Built-In lock, tamper, and cam-rotation sensing; for locked/secure confirmation
- One user key and one control key included with each system

Lock Models

- **KS210 (OSDP)** RS-485, bi-directional, supervised communications with encrypted Secure Channel support for advanced protection next to the controller
- **KS200 (Wiegand)** Simple hard-wired reader interface where OSDP is not specified
- **KS-EM (Electromechanical)** Daisy chain a second enclosure with 1 valid card read
- **KS-M (Mechanical)** Key-only operation using Medeco Intelligent SFIC keys

Lifetime Warranty



Specifications

Input Power	Dual Voltage 12/24VDC 130 mA at 12 or 24 VDC (peak)		
General Lock Information	Handing: Non-handed Static Strength: 350lbs LED: Red Amber Green Amber Override Type: Mechanical 6 or 7-pin SFIC Key (Includes compatibility with Medeco XT Intelligent Keys)	Holding Force: 350 lbs Tamper Resistant: Yes LED Indicates: Valid/ Invalid entries	Preload Capable: No Fail-Secure or Fail-Safe: Fail-Secure Finish: Black
Lock Monitoring Options	Built in locked, tamper, and cam rotation monitoring		
Card Technology	HID multiCLASS SE reader High Frequency (13.56 MHz) HID iCLASS® HID iCLASS SE® (SIO®-enabled) HID iCLASS® Seos® ISO 14443b UID MIFARE Classic™ MIFARE DESfire™ EV1 MIFARE DESfire™ SE FeliCa™ (IDm)* 40-bit PIV-I 64-bit PIV-I 75-bit PIV-I 128-bit PIV-I 200-bit PIV-I Device Configuration HID OMNIKEY Reader Manager		
Operating Temperature	ALL MODELS Ambient Temperature	0°C to 50°C (32°F to 122°F)	
Lock Options	L2 KS210-D-IPS-B-K1 L3 KS210-D-IPS-B L4 KS200-D-IPS-B-K1 L5 KS200-D-IPS-B L6 KS-EM-B-K1 L7 KS-EM-B L8 KS-M-B-K1 Note: All models shipped with SFIC cores are keyed alike, 3rd party unique SFIC cores recommended	HES KS210 OSDP lock with Medeco SFIC core HES KS210 OSDP lock without core HES KS200 Wiegand lock with Medeco SFIC core HES KS200 Wiegand lock without core HES KS-EM Electromechanical lock with Medeco SFIC core HES KS-EM Electromechanical lock without core HES KS-M Mechanical lock with Medeco SFIC core	
Physical Dimensions	EK2 Size EK4 Size EK6 Size EK8 Size EK12 Size REK15 Size	20"H x 16"W x 4.5"D* (51 x 41 x 11* cm) 24"H x 20"W x 6.5"D* (61 x 51 x 17* cm) 30"H x 23"W x 6.5"D* (76 x 58 x 17* cm) 36"H x 30"W x 6.5"D* (91 x 76 x 17* cm) 48"H x 36"W x 8"D* (122 x 91 x 20* cm) 26.25"H (15U) x 19"W x 8.5"D* (67 × 48 × 22* cm)	Weight 14 lbs. (6.4 kg) Weight 26 lbs. (11.8 kg) Weight 38 lbs. (17.2 kg) Weight 53 lbs. (24 kg) Weight 100 lbs. (43.4 kg) Weight 55 lbs. (25 kg)

*Note: KS lock adds 1.25" (3cm) to overall depth

Ordering

POWER SUPPLY MODULES

UL Series 120 or 230 VAC
FP075 75W 6A/12VDC or 3A/24VDC
FP0150 150W 12A/12VDC or 6A/24VDC
FP0250 250W 20A/12VDC or 10A/24VDC
 Single Voltage FP0150
 Dual Voltage FP0150/250
International Series 85-265 VAC
FPG50 50W 2A/12VDC or 2A/24VDC
FPG100 100W 8A/12VDC or 4A/24VDC
FPG200 200W 8A/24VDC
 Modules added in numerical order.

ACCESSORY MODULES

B100 Secondary voltage, 5–18VDC@4A
B150† Managed voltage, 3–18VDC@6A
C4 Lock control distribution, 4 out
C8 Lock control distribution, 8 out
D8 Auxiliary distribution, 8 out
F8 FAI distribution, 8 out
M8† Managed lock, 8 out
NLC OSDP NetLink network module
NXB OSDP NetLink network expansion module
SD4† Managed auxiliary, 4 out
SD16† Managed auxiliary, 16 out
 Modules added in alphabetical order.
 † Requires NetLink for Managed Power.

LOCK OPTION

N/A Standard Cam Lock
L2 OSDP lock, SFIC core
L3 OSDP lock, SFIC blank
L4 Wiegand lock, SFIC core
L5 Wiegand lock, SFIC blank
L6 Electromechanical lock, SFIC core
L7 Electromechanical lock, SFIC blank
L8 Mechanical lock, SFIC core

ENCLOSURE

E5 8.5"H x 11"W x 3"D
E1 14"H x 12"W x 4.5"D
E2* 20"H x 16"W x 4.5"D
E4* 24"H x 20"W x 6.5"D
E6* 30"H x 23"W x 6.5"D
E8* 36"H x 30"W x 6.5"D
E12* 48"H x 36"W x 8"D
REK15* 26.25"H x 19"W x 8.5"D
W1 17"H x 15"W x 6.5"D
 *EK Series for use with KS locking option.
 †15U tall with overall depth of 10.5" including KS lock.

BACKPLATE

A AMAG
B Brivo
H Honeywell
M Mercury
P Paxton
PDK ProdataKey
S Software House
V HID
X Axis
ZK ZKTeco
 *Some enclosure and backplate combination exclusions apply.

PROWIRE

Cable Management
P Panduit
T Tie wrap
Door Count
 4, 8, 16, 24, 32
Panel Wiring
 -A, -B, -C, -D
 Refer to product datasheet for detailed panel options.

230VAC

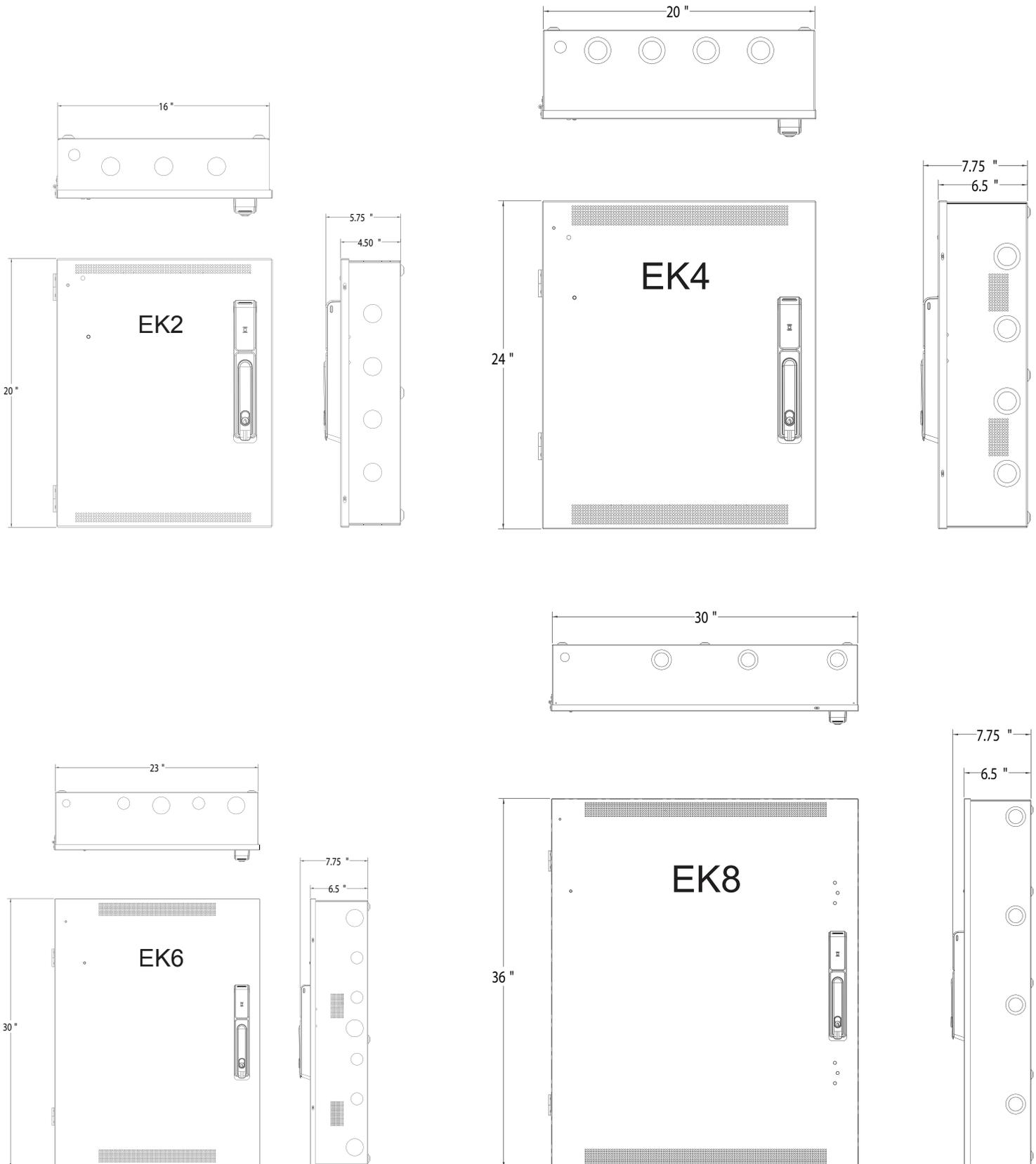
E

Flexible Configuration Options

To view customization options of the full system, check out our online Product Configurator.



Dimensions



Dimensions (CONTINUED)

