

KISS-BOX

RFID --- Keyless Ignition Starting System



KISS-SBW
KISS-HBW



KISS-SBWM
KISS-HBWM

Features:

- Start + Stop engine directly from keypad---**NO KEYS!**
- RFID card (specify Std 125khz or HID-Prox) enables device (Green--accepted; Red--rejected)
- Electronic piezo button has NO moving parts--high reliability
- Easily installed on any make, model or capacity gas, LPG, diesel or electric machine
- 2 Auxiliary inputs from: seat switch, seat belt, low oil, high temp or overload sensor--auto shut down
- Mechanic's lock out card--locks out operators until repairs are completed
- Maintenance due LED blinks when due---goes solid when grace period expires--locked out

Models:

KISS-SBW (S=Std reader, H= HID-Prox) Kit includes: RFID piezo button keypad, dual relay module. All programming done using programmer's card, NO logging

KISS-SBWM (S=Std reader, H= HID-Prox) Includes: RFID piezo button, dual relay module, RS232 serial port with time, date, operator, vehicle, event time stamp. Programming and downloading through serial port using KISS PC software. Impact abuse sensor and wireless radios available

Benefits:

- No more lost, stolen or forgotten keys---control ignition from the KISS unit
- Keeps untrained and unauthorized operators from starting your equipment
- Insures maintenance is done in a timely manner---mechanic accountability to reset LED light
- Vehicles under repair or you do not want used can easily be immobilized and then re-enabled
- Higher level of security---each operator uses his personal RFID card to start equipment
- Automatic shut down if operator leaves seat for "X" seconds ---reduces unnecessary idling
- Logging "M" model provides information on usage by the vehicle and operator
- Logging "M" model has other auxiliary input sensors including impact abuse module option
- Zigbee, WiFi + Bluetooth radios available to speed programming + download of event log files

Applications: Installed on any gas, LPG, diesel or electric machine

Construction equipment, forklifts, cart carriers, ground support, compressors, pumps or generators.

EQUIPMENT SAFETY DEVICES

RFID Keypad ignition access-monitoring systems

How it works

- Driver flashes good RFID card over device
- Button lights up GREEN if accepted, RED if rejected
- Driver presses GREEN illuminated button to start vehicle
- Driver presses same button again to stop vehicle
- Device times out in 1 minute after STOP is pressed

Easy Installation:

1. Connect dual relay module to ignition switch (2 wires on electric, 3 on internal combustion)
2. Connect dual relay module to vehicle power (12VDC standard—add voltage converter for electrics)
3. Install the KISS-BOX keypad in a position conveniently close to operator on the dashboard
4. You can program in (up to 1000) cards using programmer's RFID card from keypad (SBW)
5. With logging model KISS-SBWM, program in/out cards using PC software—also card expiration dates

Specifications--Both models:

Supply voltage: 12VDC (converter for 24-36-48VDC)

Stand by current: <50mA

Temp range: -40 - 185F (-40 - 85C)

Water Immersion: IP-65

Size: SBWM 173mmX90mmX39mm (6.8" X 3.5" X .5")

SBW 89mmX75mmX50mm (3.5" X 3" X 2")

Tested for: High + Low temp shock and reliability
Overvoltage reliability
High shock reliability
Vibration reliability
Condensation, salt spray reliability



Model: KISS-SBWM

HBWM = HID reader

BOTH Kits include:

- 1) RFID, outdoor metal piezo button device
 - 1) Dual wired relay
 - 1) Auxiliary connection (low oil, temp, seat etc)
- Optional: Voltage converter for 36--48VDC

M model (with logging)

RS232 serial port

Optional: Impact abuse sensor module

Zigbee 2.4 ghz radios

WiFi 802.11 radio

Bluetooth short range radio

Note: these KISS systems also available in component configuration with reader and button cabled to box



Model: KISS-SBW

HBW = HID reader

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