

# START - SMART

*Sealed Keypad Code--RFID Ignition Systems*



**SSD**



**SSD-RFID-S/H**



**SSM**

## Features:

- **START + STOP** directly from keypad---NO KEYS!!
- Wired relay connects to vehicle ignition switch
- Easy installation----in minutes to any diesel, gas, LPG or electric vehicles or machines
- Keypads are sealed and potted for tough, abusive outdoor applications
- RFID (Std or HID type) use ID card to enable in place of code
- Small profile design----NO exposed cables
- Auxilliary input connection to low pressure, high temp, seat or seat belt switch, etc.
- Easy programming using programmer's code from keypad--accepts up to 1000 users
- Programmer or supervisor code can lock out operators until re-enabled

## 2 models:

- **SSD-115** Duraswitch sealed keypad with potted aluminum enclosure
- **SSD-RFID-S/H** Duraswitch sealed keypad with with S (std) or H (HID) RFID reader inside
- **SSM-115** Metal piezo sealed keypad with potted aluminum enclosure

## Benefits:

- **NO KEYS!!** Never forget or lose your keys again
- Prevents other contractors from using your equipment
- Keeps untrained and unauthorized users from starting your equipment
- ANTI-THEFT wireless relay option prevents "hot wiring" and theft of your equipment

**Applications:** Installed in minutes on any gas, LPG, diesel or electric machine  
Construction equipment, forklifts compressors, pumps or generators.

**EQUIPMENT SAFETY DEVICES**

**NO training---NO code---NO start---NO keys---NO theft!**

**How it works:**

- \* Driver enters good code (4 digits)
- \* Driver presses **START** key to start engine
- \* Driver presses **STOP** key to stop engine
- \* Times out in 1 minute after **STOP** pressed
- \* Driver can restart without code in that 1 min



**Anti-theft wireless relay option:**

Wireless relay installed in vehicle's ignition, fuel or starter circuit  
 Automatically enabled by keypad after valid code accepted  
 Once enabled, engine can be started by pressing **START**  
 Thief **MUST** circumvent wireless relay in order to start engine  
 Completely prevents "hot wiring" type theft

**Specifications--Both models:**

- Supply voltage: 12VDC (converter for 24-36-48VDC)
- Stand by current: 30mA
- Temp range: -40 - 185F (-40 - 85C)
- Water Immersion: IP -65
- Size: SSM + SSD 89mmX75mmX20mm (3.5" X 3" X .75")
- Metal keypad approval: ISO9000--CE--RoHS
- Wireless relay option: 12 or 24VDC (must specify)
- Max relay contact current: peak 30A
- Tested for: High + Low temp shock  
 Overvoltage reliability  
 High shock reliability  
 Vibration reliability  
 Condensation, salt spray reliability

**Model: SSD-115**

Outdoor sealed Duraswitch keypad



**Model: SSM-115**

Outdoor sealed metal piezo keypad



**Both kits include:**

- 1) Outdoor sealed keypad
- 1) Dual wired relay (starter + ignition)
- 1) Auxiliary connection (low oil, temp, seat etc)
- Optional: Anti-theft, wireless relay
- Voltage converter for 24---36--48VDC
- Logging available on Model 501 + 105

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