

# **Hobbs** Corporation

**SWITCHES**  
**CONTROLS**  
**KEY SWITCHES**  
**HOUR METERS**  
**LIGHTING**  
**CUSTOM**  
**ELECTRONIC**  
**ELECTRO MECHANICAL**



**An Invensys company**

**ISO 9001**  
**QS9000**

# The Hobbs Key Switch

The Hobbs key switch is a custom-engineered, environmentally-sealed, sliding contact switch. This key switch can be designed to either match your existing keys or use a six tumbler mechanism with up to 300 unique key combinations. The stainless steel keyhole shroud and the keyhole dust shutter contribute to the durability of the key tumbler assembly while o-rings protect the contact and rotor assembly from moisture and contamination.

*The integral connection version allows for easy and quick installation by using a MetriPak 150 Series connector.*

## Specifications:

### Design

**Electrical Ratings:** 12 VDC, 20 Amp  
24VDC, 8 Amp

### Operating

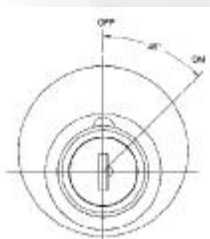
**Temperature Range:** -40°C to +85°C

### Cycle Life At Design

**Electrical Load:** 25,000 Cycles



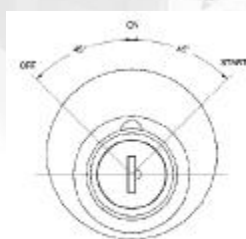
## 2 Position



OFF - ON

Part # 84825

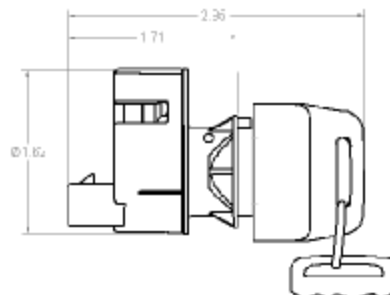
## 3 Position



OFF - ON - START

Part # 84826

(key removable in OFF position)



**3 Position Options:**  
Off/On/Momentary Start  
Off/Accessory/On  
On/Off/On  
On/Off/Momentary On

## Standard Features & Benefits:

- Compact design
- Recoil spring allows momentary positions
- Environmentally Sealed
- Designed to withstand severe temperature extremes and chemical splashes
- Double sided keys available to provide ease of key insertion
- Weep holes allow water drainage from tumbler

# Applications:

Hobbs' key switches are available as a two position or three position key switch that can be used in a myriad of applications:

Recreational • Agricultural • Marine • Material Handling • Machine Tools  
Construction • All-Terrain Vehicles • Lifts • Generators

The screw terminal version provides more switching options as well as contacts that increase the electrical ratings.

### Specifications:

#### Design

Electrical Ratings: 12 VDC, 20 Amps  
24 VDC, 10 Amps  
48 VDC, 4 Amps

#### Operating

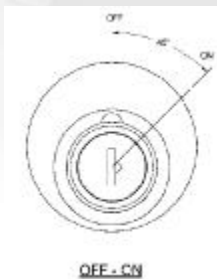
Temperature Range: -40°C to +85°C

#### Cycle Life At Design

Electrical Load: 25,000 Cycles

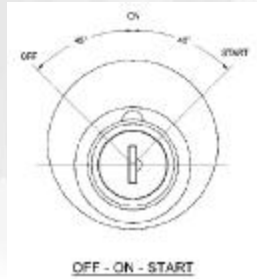


### 2 Position



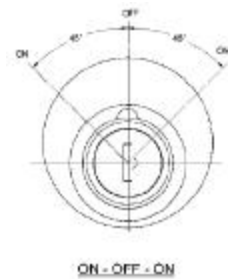
Part # 84828

### 3 Position



Part # 84829  
(key removable in OFF position)

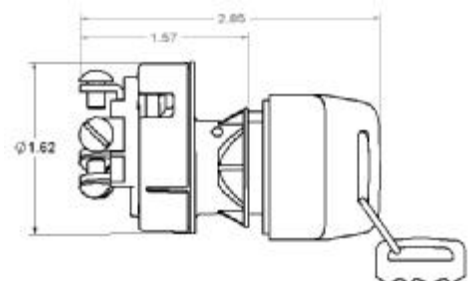
### 3 Position



Part # 84830  
(key removable in OFF position)

### Optional Features & Benefits:

- Wire harness
- Key removable in multiple positions
- Rubber key cover for environmental protection
- Match existing key codes
- Custom molding of rubber key cover



*Both Versions are Environmentally tested to the following specifications:*

- Temperature
- Cycling
- Vibration
- Dust
- Pressure Wash
- Humidity
- Salt Fog



*Limited Warranty*

Hobbs products are warranted to the customer to be free from defects in material and workmanship for the periods indicated herein. Products which fail within the warranty period due to defects in material or workmanship will be repaired or replaced, at Hobbs' option, without charge to the consumer when returned with proof of purchase to any authorized Hobbs dealer in the United States, transportation charges prepaid, provided there is no evidence of improper installation, tampering, or other abuse. All implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, shall be limited in duration to a period of one year after date of manufacture.



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