

Key and Rotary Switches Line Guide



The key is innovation. Custom-engineered. Environmentally-sealed. The Honeywell Sensing and Control (S&C) sliding contact key switch offers the specs and features you need—along with the innovation and practicality you demand. And for the extra security measures you demand, in many cases we can provide multiple key codes – up to 300 – to match your existing keys.

Honeywell S&C ignition and key switches use o-rings to help keep dirt and moisture out of the contact chamber and prolong the life. Because of this, you'll find our key switches in the toughest applications, from ATVs, snowmobiles, jet skis and motorcycles to agriculture, construction equipment, and lawn and garden equipment. The two, three, and four position key switch options we offer let you switch it up – keeping you ahead of the competition.

FEATURES

KEY SWITCHES

Integral Connector.

Features: Two, three-, or four-position switch • Can be designed to match existing key codes • Options for up to 300 unique key codes per part number • Environmentally sealed • Tested for temperature, cycling, vibration, dust, pressure wash, humidity, salt, and fog • Key removeable in multiple positions • Key cover protects key cylinder from the elements • Compact design • Recoil spring allows momentary positions • Designed to withstand severe temperature extremes and chemical splashes • Weep holes in key tumbler/cylinder housing allow for water drainage

Benefits: Stainless steel keyhole shroud and keyhole dust shutter contribute to the durability of the key tumbler/cylinder assembly. O-rings protect the contact chamber from moisture and dust. Double sided keys provide ease of key insertion. Integral connector provides faster assembly and reduces the possibility of incorrect wiring. Rugged sealed design is often ideal for off-road applications

including all-terrain vehicles, snowmobiles, golf carts, aerial/scissor/boom lifts, telehandlers, construction equipment, skid loaders, forklifts, agricultural equipment, tractors, material handlers, and marine equipment.

Screw Terminal.

Features: Two-or three-position switch • Can be designed to match existing key codes • Options for up to 300 unique key codes per part number • Environmentally sealed • Tested for temperature, cycling, vibration, dust, pressure wash, humidity, salt, and fog • Sliding precious metal contacts • Key cover protects key cylinder from elements • Compact design • Recoil spring allows momentary positions • Designed to withstand severe temperature extremes and chemical splashes • Key removeable in multiple positions • Weep holes in key tumbler/cylinder housing allow for water drainage

Benefits: Stainless steel keyhole shroud and keyhole dust shutter contribute to the durability of the key tumbler/cylinder assembly. O-rings protect the

contact chamber from moisture and contamination. Double sided keys provide ease of key insertion. Potential applications include all-terrain vehicles, snowmobiles, golf carts, aerial/scissor/boom lifts, telehandlers, construction equipment, skid loaders, forklifts, agricultural equipment, tractors, material handlers, and marine equipment.

Options available for switches:

- UL certification
- Single-sided keys
- Customer logo key covers
- Overmolded keys with logo

Key Switches Line Guide

The key is Honeywell S&C.

Our ignition switches offer benefits that can keep you ahead of your competition — including advantages that decrease vehicle warranty claims while increasing security. Each switch is designed to withstand harsh environments with a sturdy, environmentally sealed design. And the flexibility of multiple optional features, including unique key codes, multiple key codes, or a match to existing codes; terminal connectors; and various mounting alternatives are available. These options, coupled with the wide electrical rating and temperature range that come standard with the key switch, help you find the right switch for your application.



Key Switches

	Integral Connector	Screw Terminal
Connector	Metripak 280 and Sumitomo	screw
Electrical ratings (res.)	12 Vdc, 20 A; 24 Vdc, 8 A	12 Vdc, 20 A; 24 Vdc, 10 A; 48 Vdc, 4 A
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F]	-40 °C to 85 °C [-40 °F to 185 °F]
Cycle life at electrical load	25000 cycles	25000 cycles
Position	2 position (off-on) 3 position (off-on-start) 3 position (off-on-start), magnetoground 4 position (off-on-preheat-start)	2 position (off-on) 3 position (off-on-start) 3 position (on-off-on)
Mounting	panel	panel



Rotary Switches

	Integral Connector
Connector	Metripak 280 and Sumitomo
Electrical ratings (res.)	12 Vdc, 20 A; 24 Vdc, 8 A
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Cycle life at electrical load	25000 cycles
Position	3 position (on-off-on) 3 position (off-on-start) 3 position (off-on-on) 4 position (off-on-acc-start) 4 position (off-ignition-ignition heat-start)
Actuator	lever or knob
Mounting	panel

Warranty. Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

For more information about Sensing and Control products, visit www.honeywell.com/sensing or call +1-217-753-7752. Email inquiries to info.sc@honeywell.com

 **WARNING**
PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

 **WARNING**
MISUSE OF DOCUMENTATION

- The information presented in this catalogue is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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