HSC-1
HIGH SECURITY CONTACT

Stock Number: 2020350

Listed to UL 634 Level 1 Standards, ULC
Dimensions: 4 5/16" W x 1" H x 29/32" D
Switch Contact Rating:
30 VDC max. switching voltage
250 mA max. switching current
3 Watts max. power rating
Tamper Contact Rating:
30 VDC max. switching voltage
250 mA max. switching current
3 Watts max. power rating
Ambient Temperature Range:
-31° to 151°F (-35° to 66°C)
Optional Accessory: (L) Bracket-HSC Mounting

⚠ WARNING

Each electrical rating is an individual maximum and must not be exceeded.

The Model HSC is a High Security Contact Switch to monitor the open or closed position of safe and vault doors. The switch includes design features, which makes it highly defeat resistant in critical environments.

Features

- Triple-biased, SPDT (Form C) reed alarm switches in the switch unit with a magnet array in the magnet unit, makes the defeat of the switch with an external magnet virtually impossible
- Magnetic field tamper output added to further resist defeat with an external magnet or magnet array assembly
- Hidden pry tamper, SPST (Form A) alarm switch output
- For indoor/outdoor use
- Lead type-8 foot flexible stainless steel armored cable
- Narrow housing allows for mounting on narrow door frames
- Grey powdercoat aluminum housings with protective end caps

Operation

The following operating features and conditions exist with the switch and magnet units in its secured condition (positioned, mounted, and wired correctly):

- Triple Biased Switch Operation - The three biased switches will be in the closed position when the switch is in its secured condition. Opening of the door or removal of the switch unit or magnet unit will cause an alarm condition.
- Pry Tamper Operation - The pry tamper switch will be in the closed position when the switch is in its secured condition (depressed by tamper screw). Removal of the switch unit from the mounting surface will cause a tamper alarm condition.
- Magnetic Tamper Operation - applying an external magnet in an attempt to defeat the switch will operate a normally closed switch causing a magnetic tamper alarm condition.