

Big Red[®] Safe Locks

"Big Red[®], The Safe-Lock with the Red-Wheels"[®]

Featuring DeadLoc Technology[®]



HOLDUP AND BOLT SWITCH OPERATION

USER OPERATION INSTRUCTIONS

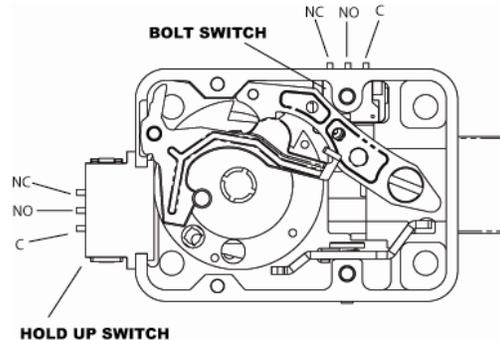
The lock in the illustration below has two switches installed; one to monitor the locking bolt and the other to monitor the first, second or third wheel. The switches operate as follows:

BOLT SWITCH

When the bolt is in the LOCKED position, connection to the contacts "NO" and "C" will indicate an open circuit condition. Connection to contacts "NC" and "C" will indicate a closed circuit condition.

When the bolt is in the UNLOCKED position, connection to the contacts "NO" and "C" will indicate a closed circuit condition. Connection to contacts "NC" and "C" will indicate an open circuit condition.

The bolt switch may be used to monitor safe lock openings or the number of times the bolt is retracted.



* SWITCH RATINGS *

Max. Voltage 250 VAC, 5A
Min. Wire Size 22 SWG, 300 V
Connect only to low voltage - low energy circuits

GATE WHEEL SWITCH

This feature is used to signal a holdup condition and is activated when the first number of a normal combination is dialed [10] numbers higher than the normal set combination. For example, if the normal set combination is 25-40-65; then the holdup combination will be 35-40-65.

With the Big Red[™] patent pending switch system; the gate wheel switch is optionally available from the factory where the first, second or third number of the set combination activates this feature. For example, when set for the second number, if the normal combination was 25-40-65; then the holdup combination will be 25-50-65.

Both the normal and the holdup set combinations will open the lock.

NOTE: The signal is only sent when the bolt is retracted to the unlocked position and NOT when the holdup combination is dialed.

SWITCH CONNECTIONS FOR THIS FEATURE MUST BE MADE AS FOLLOWS:

- A. During normal use, connection to contacts "NC" and "C" will indicate a closed circuit condition, while connections to contacts "NO" and "C" will indicate an open circuit condition.
- B. During holdup, contacts "NC" and "C" will indicate an open circuit condition and contacts "NO" and "C" indicates a closed circuit condition.