



## Burglar, Distress and Alarm Shunt Cable P/N 202031

The Kaba Mas Cencon locks (with Alarm Shunt option) have internal switching functions that are compatible with any Automatic Teller Machine burglar/distress/shunt alarm system. This switching provides the same functions as the burglar and distress alarm switches formerly used with mechanical combination locks and operates with the same electrical voltages and currents but adds the function of a door alarm shunt. These switching functions are accessible through a nine pin connector in the lock back cover.

The following cable wiring definition is provided for your convenience for connecting to an alarm system.

### Pin Identification and Color Coding:

#### Distress Alarm\* (Ambush)

Pin #	Color	Function	Contact Rating
1	White	COM - common	
2	Gray	N/O - Normally Open, closes when ambush combo dialed (last combination number+10)	
3	Violet	N/C - Normally Closed, opens when ambush combo dialed (last combination number+10)	30 VDC/VAC, 2 A Max., power limited source.

#### Bolt Switch\* (Burglar)

Pin #	Color	Function	Contact Rating
4	Blue	N/C - Normally Closed, held open when locked (Lock Bolt Extended)	
5	Green	COM - common	
6	Yellow	N/O - Normally Open, held closed when locked (Lock Bolt Extended)	30 VDC/VAC, 0.1 A Max., power limited source.

#### Shunt Alarm\*

Pin #	Color	Function	Contact Rating
7	Orange	N/O - Normally Open, closes when a correct opening occurs.	
8	Red	COM - common	
9	Brown	N/C - Normally closed, opens when a correct opening occurs.	30 VDC/VAC, 2A Max., power limited source.

\* These features have not been investigated by U.L.

Kaba Mas LLC  
749 W. Short Street, Lexington, KY 40508 USA  
Phone (800) 253-4744 FAX (859) 255-2655  
Technical Support: (800) 950-4744  
[www.kaba-mas.com](http://www.kaba-mas.com)