

Cencon Deadbolt Burglar, Distress & Alarm Shunt Cable Pin Identification

Order P/N 201168

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 – 30 VDC/VAC, 2 A Max power limited source

Pin #	Color	Function
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 , closes when ambush combo dialed (last combination number +10)

Bolt Switch – 30 VDC/VAC, 1 A Max power limited source

Pin #	Color	Function
4	BLUE	N/C – Normally Closed, help open when locked (Lock Bolt Extended)
5	GREEN	COM – Common
6	YELLOW	N/O – Normally Open, held closed when locked (Lock Bolt Extended)

Shunt Alarm – 30 VDC/VAC, 2 A Max power limited source

Pin #	Color	Function
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

Exceptions and Variations

DN Series ATM Terminal Strip Pin Configuration Differs from Other Series

Pin #	Color	Function
1	YELLOW	N/O – Normally Open Bolt Switch
2	GREEN	COM – Common Bolt Switch
3	BLUE	N/C – Normally Closed Bolt Switch
4	VIOLET	N/C – Normally Closed Ambush Signal
5	WHITE	COM – Common for Ambush Signal
6	GREY	N/O – Normally Open Ambush Signal
7	EMPTY	
8	EMPTY	
9	EMPTY	
10	EMPTY	