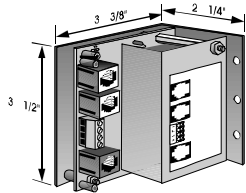


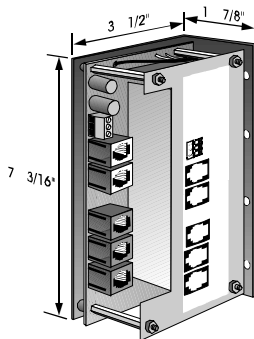


IGC and IGC/3N1

Installation and Operation Instructions



IGC
Cat. No: 6300717



IGC/3N1
Cat. No: 6300719

DESCRIPTION

The IGC provides control of two or more motors in groups and/or individually from one or more locations. This advanced yet simple to install modular control system can be activated manually or automatically. The heart of the system is the IGC Motor Controller used for each motor. However, greater economy can be obtained using the IGC/3N1 version for those jobs that call for controlling three motors individually or in groups.

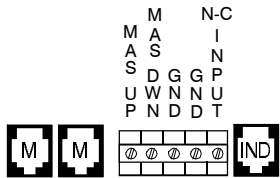
The IGC is a very flexible control system that can be configured in a variety of ways (i.e., individual window control, floor control, total building control, etc.) to meet the requirements of your customers.

The individual-Group Control System is compatible with other SOMFY controls (i. e., Remote Control, Digital Timer, Somfy-Matic™II, Comfort Control, Storm Control, etc.) and other security, computer

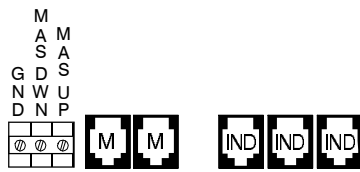
and HVAC systems.

The Individual IGC Controller has an added feature. It is equipped with an input that can interface with a window alarm system. One typical application is for casement windows; when the window is open, the motor will not operate. This is to help prevent damage to window treatments.

LOW VOLTAGE CONNECTIONS



IGC CONNECTIONS



IGC/3N1 CONNECTIONS

- A. Connect Individual Switches to the IGC using the appropriate length 6 conductor modular cable.
- B. Connect Master Line between each IGC using appropriate length cable.
- C. Connect Master Switch to the IGC using the appropriate length cable.
- D. IGC ONLY: If used, connect alarm system wires to the N-C (normally closed) dry contact input and GND. Do not remove jumper if this feature is not used.

LINE VOLTAGE CONNECTIONS

Connect Motor & Power Cables to the IGC & IGC/3N1 according to the wiring chart below..

Line Voltage installation must comply with local and NEC codes.

IGC

POWER	MOTOR	IGC
BLACK		BLACK
WHITE	WHITE	WHITE
GREEN	GREEN	GREEN
	RED	RED
	BLACK	BROWN

IGC mounts into a 2 gang masonry box
Cat. No: 5670323

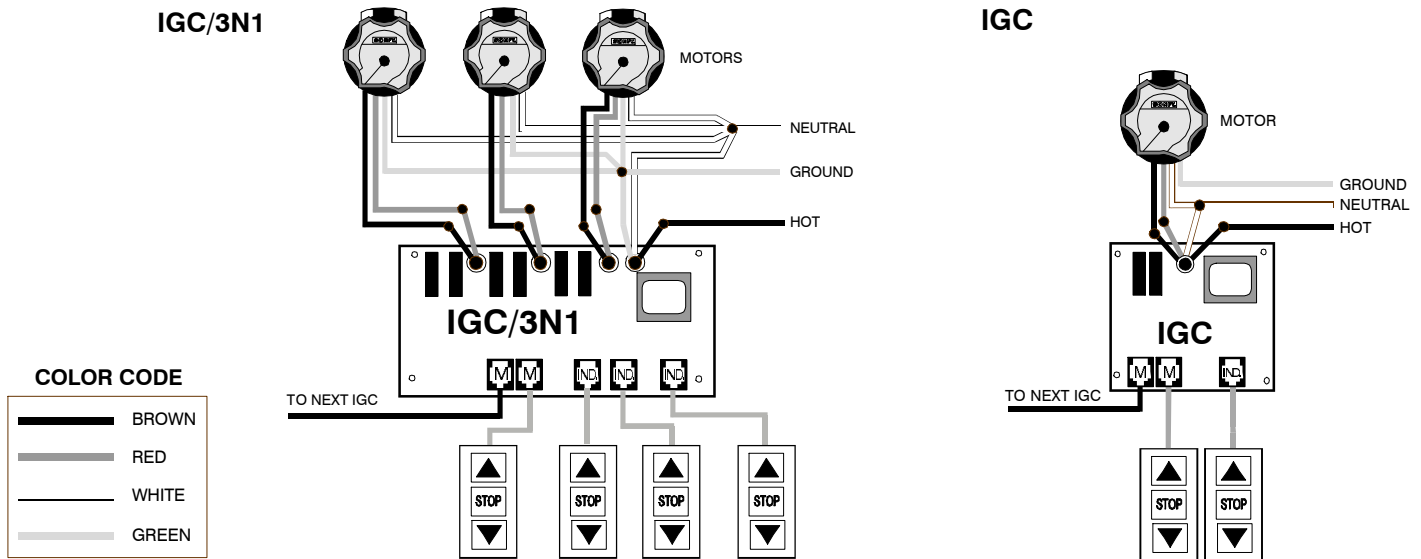
IGC/3N1

POWER	MOTOR	IGC/3N1
BLACK		BLACK
WHITE	WHITE	WHITE
GREEN	GREEN	GREEN
	RED	RED
	BLACK	BROWN

IGC/3N1 mounts into a 4 gang masonry box
Cat. No: 5670064

Note: A yellow wire can be provided on the IGC for dry contact capability. Please contact customer service for more information.

IGC WIRING SCHEMATIC



OPERATING INSTRUCTIONS

A. System Power Up

1. Turn all circuit breakers on (Note: all motors in the system should remain at their previous positions).
2. Operate each motor in one direction using the individual switch.
3. If the direction is correct, proceed to the next individual switch and repeat.
4. If direction is not correct, turn breakers off and reverse red and black wires at the appropriate motor and repeat steps 1 through 3.

B. Individual Motor Operation

A single motor can be controlled from its corresponding switch. To activate either direction, momentarily depress the button

corresponding to the desired direction. A single motor can be stopped in any position by depressing the stop button simultaneously.

C. Group Operation

All motors in the system can also be controlled and operate as a group from the master switch. To activate the motors, momentarily depress the desired direction on the master switch, All motors can be stopped in any position by depressing the stop button on the master switch.

TROUBLESHOOTING GUIDE

PROBLEM	CHECK POINTS	POSSIBLE SOLUTION
* Product will not move from switch.	<ul style="list-style-type: none"> * Circuit breaker. * Check fuse on control. * 120V AC reading at IGC or IGC/3N1. * Modular telephone cable connection. * Normally closed input (single IGC only). 	<ul style="list-style-type: none"> * Reset. * Replace if blown. Correct miswiring. * Correct wire connection if necessary. * Check the modular cable connection per the low voltage diagram. * Check connection to window alarm if present. If not, short normally closed input to ground.
* Product moves in wrong direction.	<ul style="list-style-type: none"> * Motor wire connections. 	<ul style="list-style-type: none"> * Reverse black and red directional wires at IGC or IGC/3N1.
* Product operates in only one direction.	<ul style="list-style-type: none"> * IGC or IGC/3N1 high voltage wiring. 	<ul style="list-style-type: none"> * Correct if necessary.



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