

## **Standard Motors with Centralized Intelligence Systems (IGC 4n1 Controller by Somfy®)**

The Somfy® IGC 4n1 is an external intelligent motor controller that operates up to four motors per Controller. It turns a “dumb” motor into an “intelligent” one, allowing more sophisticated means of control. In a room with more than four motors, multiple IGC 4n1 controllers may be daisy-chained together with CAT5 cable for simultaneous operation from a single master switch (keypad).

- The IGC 4n1 device is usually centrally located, either in the middle of the floor of a building, or in the ceiling or electrical closet of a room. It is powered by 120VAC, and then 120VAC copper wire line voltage inside conduit runs from the IGC 4n1 to each motor it operates. This means the standard or dumb motors are powered by the IGC 4n1, and not by the local Junction Box. Up to four motors can be powered per IGC 4n1, and you must add additional IGC 4n1 controllers to power and operate more than four motors.
- The longer runs of 120VAC copper wire in conduit can sometimes make the Standard Wired Motors with Centralized Intelligence more expensive to wire by an electrician compared to the other systems, even though the “dealer cost” is approximately lower.
- Currently only Dry Contact interfacing is available for third party integration (simple up/down/stop commands).
- The standard wall switch is a dry contract Decoflex switch, similar in look and function to the RTS Decoflex, but instead of communicating wirelessly through RF signal it communicates through a wired CAT5 low voltage data cable connecting the switch to the IGC 4n1 controller.
- The IGC 4n1 system is very quickly and easily commissioned by the installer, in the field.