



P/N 2220-1.14.22

CONTROL PANEL

Our state of the art controller has been designed to keep up with the ever changing innovations of a “smart”, “green” planet.. The controller acts as an interface between Clearline’s low voltage 24VDC actuators and systems such as Building Management Systems (BAS), Home Automation Systems, Fire Alarm, and HVAC Systems.

The Building Management Communications Interface establishes a new level of control and monitoring for a Clearline window control installation. Each window in a large system may be opened and closed individually if desired. It is also possible to monitor each window’s status (open or closed) individually. Additionally, utilizing the interface, windows may be opened or closed based upon any number of parameters such as time of day, presence of precipitation, temperature, humidity, pollution level or any other requisite demands.

- Each panel can control up to eight (8 total/4 pair) 24VDC, >1.5A actuators. Contains one 100-120VAC (input)/24VDC (output) power supply. The controller has a switch/dry contact input as well as open and close buttons on the board. If your installation requires multiple panels, the module can be supplied with bridge connectors to limit the need for extra wiring. Each panel is factory programmed based on customer needs for easy installation.
- The control panel has eight (8) individual input connections for magnetic contacts (Reed Switches). There is an LCD screen which displays the status (open or closed) of each individual actuator.
- The control panel is equipped with a “group monitor” output. This output is a form C contact rated 1A, 28VDC which may be factory programmed to close either when all the windows in the group are open or closed or when all the windows are closed.
- The control panel is equipped with an optional rain sensor input (rain sensor by others). When this input is triggered, all actuators are automatically closed and remain in this condition until the rain condition has cleared.
- The housing is a NEMA type 1 enclosure with knock outs. The enclosure and cover are manufactured from G90 steel. Grounding emboss provided with green plated grounding screw.

THE CLEAR CHOICE

FOR ENERGY CONSERVING WINDOW CONTROL MANAGEMENT
GREEN SINCE 1969

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