

SYSTEM 3[®]

VARIABLE SPEED AC DRIVE CONTROLLER

Setting the Standard for Door Control, Again.

In 1990, Rytec's[®] PLC-based door controller set the standard for flexibility and ease of use. Incorporating state-of-the-art motion control technology, the System 3 controller has raised the bar. It combines the flexibility and performance of AC Drive technology with the ease and precision of digital control.

The System 3 can display operational and diagnostic messages in English, French or Spanish. From making adjustments to setting the parameters to troubleshooting problems, the System 3 is simply the best door controller ever.

Smoother Operation and Fewer Adjustments

- Variable frequency drive makes for soft starts and stops. It also allows for speed adjustments in either direction even after initial installation. And its dynamic braking virtually eliminates the need for brake adjustments and reduces break wear.

Easy, Flexible Programming

- The System 3 features numerous pre-set and custom programming capabilities to accommodate traffic lights, air locks, freezer defrost systems and more, without requiring additional electrical components. Plug-in modules for floor loop and radio control activation make it simple and fast to add these options.

Precision

- An absolute rotary encoder provides easy setting and adjustment of door positioning from the panel itself. A two-line, 32-character LCD display makes operational and diagnostic messaging clear and precise in English, French or Spanish.



RYTEC
CORPORATION
Driving The Door Industry.™

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VARIABLE SPEED AC DRIVE CONTROLLER

Specifications: Subject to change

Model: Rytec[®] System 3[®] Controller

Certifications and Listings: Controller and complete assembly are UL / cUL listed.

Power: 208V, 230V or 460V three phase.

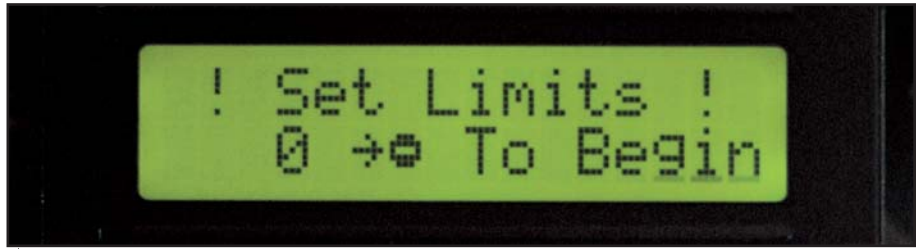
Variable Speed AC Drive: Safely optimizes door operation to meet any application. Soft acceleration and deceleration for improved drive system performance and reliability.

Enclosure: Housed in a NEMA 4 rated electrical enclosure. Standard features include a programming and operational pressure sensitive keypad and window to view LCD messaging display. Optional rotary disconnect and keyed enclosure locks. Standard enclosure size: 15 inches wide by 23 inches high by 8 inches deep.

Encoder: Absolute rotary encoder is a non-contacting optical position sensor, which allows for easy start up and door positioning, and eliminates mechanical limit switches. Positioning is maintained if door is moved with power disconnected.

Display: Two-line, 32-character backlit LCD display provides door status, cycle count and diagnostic messaging in English, French or Spanish. Input status LED's serve as additional troubleshooting aids.

Flexibility: Twelve standard inputs and three standard outputs provide programming flexibility to meet virtually any control requirement without requiring additional components. Multiple auto close features to distinguish between various activation requirements. Optional expansion board provides an additional eight inputs and five outputs.



▲ LCD Display

Large two-line, 32-character LCD display communicates door status, as well as operational and diagnostic messaging.



▲ Absolute Encoder

Absolute rotary encoder detects door position for easy start-up and travel limit adjustments. Eliminates mechanical limit switches.

Defrost Modules: Defrost system control made available with expansion board and larger enclosure.

Optional Activation Modules: Control is designed to accommodate plug-in floor loop and radio control activation modules, thus eliminating any extra wiring.

Warranty: One-year limited warranty on materials and workmanship.



▲ Enclosure Features

Controller is UL listed with a NEMA 4 electrical enclosure and LCD read-out window. Shown with standard pressure sensitive keypad buttons, optional rotary disconnect and optional keyed enclosure locks.



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