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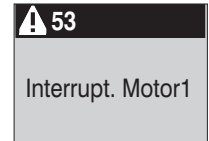
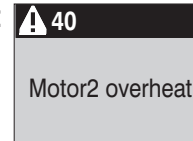
SERIES 5100/5200 SLIDING DOOR SYSTEMS DUAL MOTOR DRIVE OPTION

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The Dual Motor Drive option, available for both Series 5100 and Series 5200 Sliding Door Systems, is an efficient method for providing a high-reliability solution for critical-run installations. It is also used in applications with unusually heavy doors, doubling the power available to move the door(s).

The idler pulley, typically used on belt-drive systems, is replaced by a second motor drive, which is used to maintain operation of the door should the primary motor drive fail. A secondary power supply is included and all components fit into the head section.

A dedicated microprocessor control provides synchronous power individually to each motor drive, and monitors each unit separately, providing distinct status codes for each drive via the Display Control Panel, a record-USA exclusive. Examples of status codes: As with standard units, all of the door adjustment parameters are accessible via the control panel, eliminating the requirement for a separate access terminal.



During initial commissioning of the door, a calibration cycle is performed and the control will adjust the acceleration and deceleration rates based upon the weight and friction of the door panels.

In normal operation, the motor drives share the load, preventing point-loading on the drive belt. If an issue occurs with one of the motor drives, the door will continue to function, with unusually heavy doors possibly operating at slower acceleration and opening speeds.

Standard options, automatic locking, battery backup, etc., function with the dual motor option.

The power requirement for the system is 120 VAC, 60 Hz, Single phase, 15 Amp service.

This system is approved in Europe for use in emergency egress routes, as an alternative to the breakout feature typically provided on sliding doors.

