

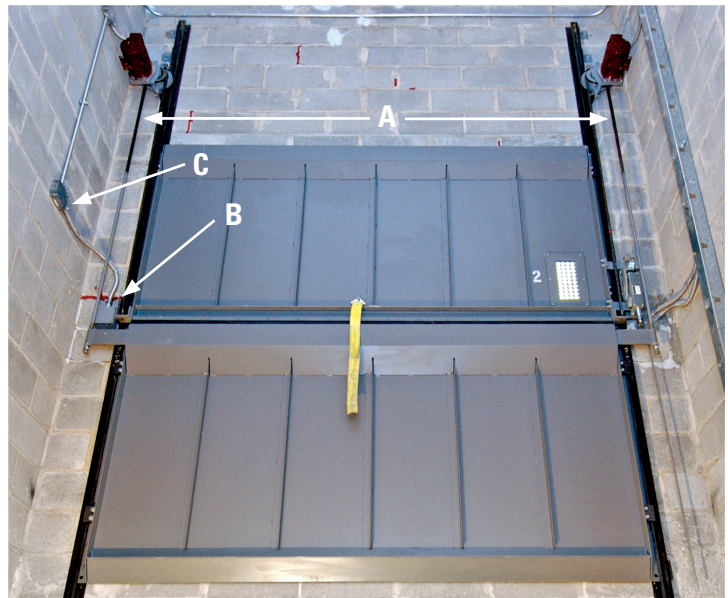
ECLIPS/P is the freight door power operation upgrade package used when the door panels and tracks are to be retained. This package can be used with most existing elevator controllers or compatible with all new elevator controllers.

EMS	Courion	Peelle	Security	Otis
ECLIPS/P	ECLIPS/P	ECLIPS/P	ECLIPS/P	ECLIPS/P

The **ECLIPS/P** package includes an **ECLIPS** closed loop door controller, new door motors and operators, interlocks, chains, door position sensors, required brackets along with a complete new car gate with light curtain and retiring cam to complete the upgrade. In addition to the landing door and gate equipment, EMS provides a wiring package for both the landing doors and the car gate for ease with installation, making sure you have the proper materials on-site when you need them.

Once the removal of the old control, door operators, interlocks and mechanical limits is complete:

- > New door operators and chains with pickups are installed at each landing and new gate. (A)
- > A position sensor is mounted to each opening's door track and car gate. (B)
- > Operator and sensor wire is run from each sensor to machine room terminal blocks in the **ECLIPS** door controller. (C)
- > The **ECLIPS** door controller is wired into the elevator controller. The system is ready for setup.
- > Like all EMS equipment, this controller uses point-to-point wiring to the machine



room for ease in setup and service trouble shooting. Components can be checked from the safety of the machine room.

- > Using the door operating buttons, the **ECLIPS** learns the travel positions of the door and gates and is ready for operation.
- > **ECLIPS** will monitor every cycle and adjust the doors and gates to achieve ideal smooth operation throughout the life of the product.

**CONTACT EMS FOR INFORMATION ON
ECLIPS/P SOLUTIONS**

The Pre-engineered Freight Door Modernization Package That Solves the Problem of Costly Freight Door Maintenance

Now you can upgrade old, existing elevator freight doors with proven state-of-the-art technology in a pre-engineered package from EMS. Turn maintenance units with constant service call-backs into preventative maintenance visits. Your maintenance customer will see the end of harsh slamming and erratic door operation and be provided with a safer, quieter and more reliable freight door system.

ECLIPS DOOR CONTROL SYSTEM



The EMS **ECLIPS** closed loop door controller replaces the old door controller and interfaces directly with the existing elevator controller, or with any new elevator controller, being planned as part of a larger modernization. The closed loop door and gate position sensors provide the exact location of the door and gate to the **ECLIPS** door controller.

There is no need to retain the old door or gate mechanical limit switches for motor control. That means that there are no longer any maintenance-intensive limits to adjust or re-align. One controller with point-to-point wiring making for **EASY INSTALLATION** from upgrade packages to new installations.

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