

### APPLICATION

This device is intended for use with LiftMaster Logic commercial door operators and compatible 4-wire monitored sensing edges. This is a stand-alone reversing system and is not intended to be used in conjunction with any additional entrapment protection devices. A junction box (not provided) is recommended to protect exposed wiring.

### INSTALL THE CPS-EI SYSTEM

#### IMPORTANT INFORMATION ABOUT THE ENTRAPMENT PROTECTION DEVICES

**Be sure power to the operator is disconnected.**

When properly installed and connected, the system will detect an obstacle in the path of the door sensing edge and reverse the door if activated.

If an obstruction is detected while the door is closing, the door will stop and reverse to the fully open position.

**Install 4-Wire Sensing Edge as per manufacturer instructions.**

Compatible Edges: 65-ME123 4, 65-ME113 4, 65-8203 2, 65-8204 4

#### RECOMMENDED INSTALLATION

1. Disconnect power to the operator.
2. Mount junction box on the wall half way up the door opening.
3. Attach 4-wire coil cord from sensing edge to junction box and secure in place with the strain relief provided. See wiring diagram below for sensing edge connections.
4. Run 2 wires from the CPS-EI and connect to the operator as shown in the wiring diagrams on the next page.

**NOTE:** Run all wires to the operator through conduit following all local and National Electric Code. Do not run CPS-EI and power wiring in the same conduit.

#### TEST SYSTEM

1. Reapply power to the operator. Green LED on CPS-EI should light if properly attached and sensing edge is not activated.
2. Partially open door.
3. Activate sensing edge, green LED on CPS-EI should go out.
4. Close door. **NOTE:** Green LED will go out if sensing edge is activated when door is fully closed.
5. Open door.
6. Begin closing. Activate sensing edge as door is closing. Door should stop and reverse to the open position.

If any step fails, check connections.

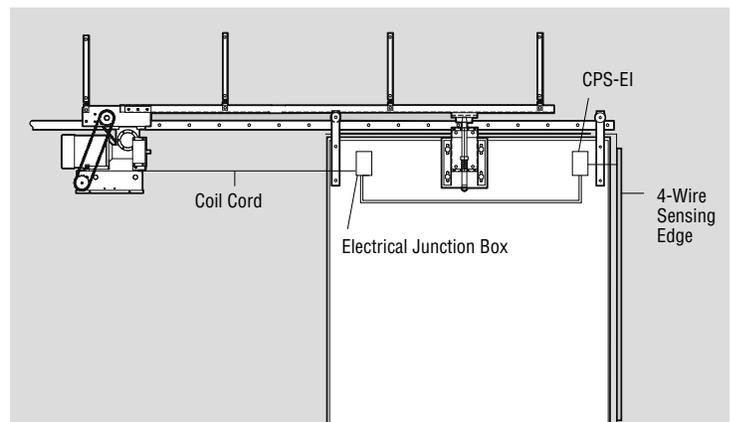
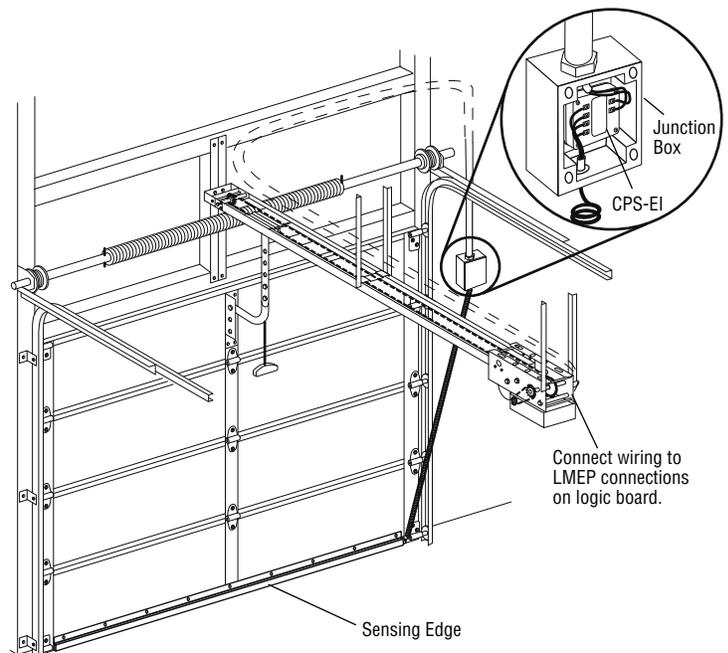
### WARNING

To reduce the risk of SERIOUS INJURY or DEATH:

- This device is for use ONLY on LiftMaster® Commercial Door Operators.
- Disconnect power BEFORE installing the Commercial Protector System® Edge Interface.
- Read and follow ALL instructions.



**WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



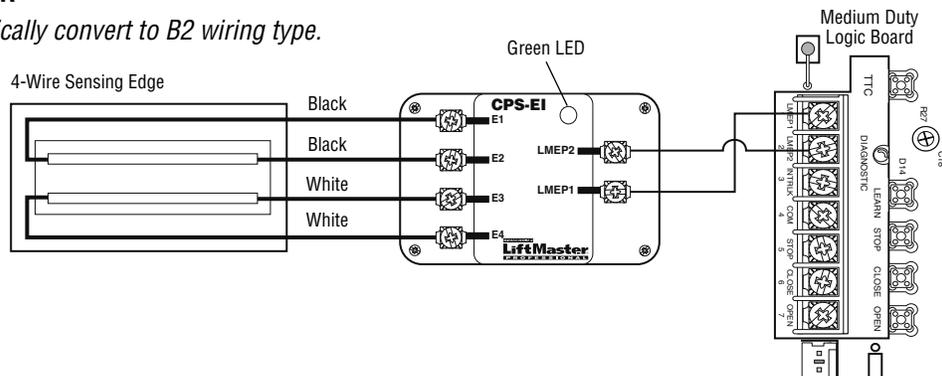
## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION	CAUSE
Green LED does not light.	<ul style="list-style-type: none"> <li>• Check that connections to CPS-EI are correct.</li> <li>• Check that sensing edge is not shorted (open door if closed).</li> </ul>	<ul style="list-style-type: none"> <li>• All 6 connections are necessary for the LED to light.</li> </ul>
Green LED is lit but door does not reverse.	<ul style="list-style-type: none"> <li>• Check connections to operator.</li> </ul>	
Door will only operate in C2 (constant pressure to close) mode even though CPS-EI seems to be installed correctly.	<ul style="list-style-type: none"> <li>• Check operator programming instructions for setting to B2 (momentary pressure to close) mode.</li> </ul>	<ul style="list-style-type: none"> <li>• Operator was programmed for C2 (constant pressure to close) operation only.</li> </ul>

## CPS-EI WIRING DIAGRAMS

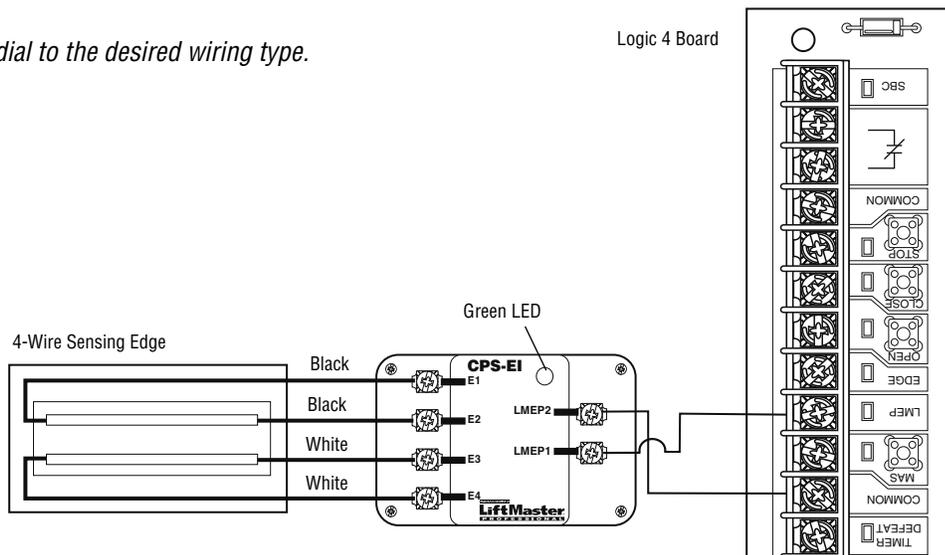
### MEDIUM DUTY LOGIC OPERATOR

**NOTE:** The operator will automatically convert to B2 wiring type.  
See owner's manual.



### LOGIC 4 OPERATOR

**NOTE:** Adjust the selector dial to the desired wiring type.  
See owner's manual.



### FIRE DOOR OPERATORS (MODELS FDC, FDCL, FDOA, AND FDOB)

