

UL325 for Commercial Operators

Effective August 29, 2010



Frequently Asked Questions:

1. What is changing?

Commercial Operators that are UL listed will require:

- a. Constant Pressure on the close button OR,
- b. The connection of a Monitored Reversing Device (ex. edge or photo eye) when wired for momentary pressure to close.

2. Does this apply to service on older operators?

No, the standard only applies to manufacturers. Older operators are not required to comply with the new standard however; it is always a good idea to review new safety standards with your customers.

3. Will installing a 4-wire edge bring an older operator up to the new 2010 UL325 standard?

No, but it will enhance the safety of the door system. You may want to recommend existing customers upgrade to a monitored edge system with their existing operators.

4. Can I install a sensing edge and a photo eye?

Yes, according to the standard, as long as at least one of the devices is monitored.

The following chart shows a variety of possibilities you may want to offer your customer and let's you know if they comply with the new standard.

NOTE*: All options may not be tested on all operators. To be sure these options are available to you and your customers, please talk to your operator manufacturer to make sure the operator has been tested as a system to accept a monitored Miller Edge sensor or multiple devices.

***Option:**

Does it comply?

CONSTANT PRESSURE TO CLOSE:		
Constant pressure on close with no external reversing device	Yes	
Constant pressure on close and non-monitored sensing edge	Yes	
Constant pressure on close and non-monitored photo eye	Yes	
Constant pressure on close and monitored sensing edge	Yes	
Constant pressure on close and monitored photo eye	Yes	
MOMENTARY PRESSURE TO CLOSE:		
Momentary contact on close with non-monitored reversing device		No
Momentary contact on close with monitored sensing edge	Yes	
Momentary contact on close with monitored photo eye	Yes	
Momentary contact on close with monitored sensing edge and non-monitored eye	Yes	
Momentary contact on close with monitored photo eye and non-monitored sensing edge	Yes	

UL325 for Commercial Door Operators Requirements for Monitored Devices



If you sell or install commercial door operators, you may have heard about UL325 changes that are going into effect on August 29, 2010.

Let's first look at what stays the same:

- Commercial Door Operators require constant pressure to close
OR
Require the connection of a reversing sensor

Now, for the change that will go into effect in 2010:

- Commercial Door Operators require constant pressure to close
OR
Require the connection of a MONITORED external entrapment device.

The difference is that if your customer wants Momentary Pressure to close, the external entrapment protection device will be required to be monitored. When set to momentary pressure to close, the operator will check for a reversing sensor. If a monitored device is not attached, the operator must be set to constant pressure.

If you and your customer choose to use just an edge, the edge must be monitored. If you and your customer choose to use both an edge and a photo eye, one of the sensors (not both) is required to be monitored.

Architectural Specifier's Tips Commercial Door Operators

- Specify a monitored safety edge
- Specify safety edges that are labeled as UL325 recognized components

For additional information:

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