

**UL 325 Standard - Overview**  
**PROTECTION AGAINST ENTRAPMENT**  
**Effective: March 1, 2000**

**Q:** What is the reason for UL 325?

**A:** The intent of the standards is to prevent entrapment of people by an automated gate operator system, and prevent injuries from pinch points. UL 325 is **only** concerned with the entrapment of people (not about the gate striking vehicles).

UL325 was effective beginning March 1, 2000. The UL 325 standard is voluntary in most areas but its provisions could be enforced law if they are mandated by a state, or local government. (adopted as law in the state of Nevada; March, 2000. Many other municipalities and local governments are also currently debating the adoption of these standards – contact your local building inspector).

**Entrapment protection types:**

**Type A** – Inherent entrapment sensing system.

**Type B1** – Provision for connection of, or supplied with, a non-contact sensor (photoelectric sensor or the equivalent).

**Type B2** – Provision for connection of, or supplied with, a contact sensor (edge device or the equivalent).

**Type C** – Inherent adjustable clutch or pressure relief device.

**Type D** – Provision for connection of, or supplied with, an actuating device requiring continuous pressure to maintain opening or closing motion of the gate.

**Type E** – An inherent audio alarm

Vehicular Usage Class	Gate Operator Category			
	Horizontal Slide Vertical Lift Vertical Pivot		Swing Gate Vertical Barrier (Arm)	
	Primary Type	Secondary Type	Primary Type	Secondary Type
Class: I & II	A	B1, B2, or D	A or C	A, B1, C or D
Class: III	A, B1, or B2	A, B1, B2, D, or E	A, B1, or C	A, B1, C, D, or E
Class: IV	A, B1, B2, or D	A, B1, B2, D, or E	A, B1, C, or D	A, B1, C, D, or E

## **CLASS OF OPERATION**

**Residential Vehicular Gate Operator - Class I** - A vehicular gate operator (or system) intended for use in a home of one-to four single family dwelling, or garage or parking area associated therewith.

**Commercial / General Access Vehicular Gate Operator - Class II** - A vehicular gate operator (or system) intended for use in a commercial location or building such as a multi-family housing unit (five or more single family units), hotel, garages, retail store, or other building servicing the general public.

**Industrial / Limited Access Vehicular Gate Operator - Class III** - A vehicular gate operator (or system) intended for use in an industrial location or building such as a factory or loading dock area or other locations not intended to service the general public.

**Restricted Access Vehicular Gate Operator - Class IV** - A vehicular gate operator (or system) intended for use in a guarded industrial location or building, such as an airport security area or other restricted access locations not serving the general public, in which unauthorized access is prevented via supervision by security personnel.



Never install any gate operator device without this seal.

For additional information visit <http://www.dasma.com/>

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