

## Protection Against Entrapment

GATE OPERATOR CATEGORY				
VEHICULAR USAGE CLASS	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
CLASS III	A, B1, or B2	A, B1, B2, D, or E	A, B1, B2, or C	A, B1, B2, C, D, or E
CLASS IV	A, B1, B2, or D	A, B1, B2, D, or E	A, B1, B2, C, or D	A, B1, B2, C, D, or E

NOTE: The same type of device shall not be utilized for both the primary and secondary entrapment protection means. Use of a single device to cover both the opening and closing directions is in accordance with the requirements; however, a single device is not required to cover both directions. A combination of one TYPE B1 for one direction and one TYPE B2 for the other direction is the equivalent of one device for the purpose of complying with the requirements of either the primary or secondary entrapment protection means.

### ENTRAPMENT TYPES:

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**TYPE A:** Inherent entrapment protection system.

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

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**TYPE B2:** Provision for connection of, or supplied with, a contact sensor (edge device or equivalent).

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**TYPE C:** Inherent adjustable clutch or pressure relief device.

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

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**TYPE E:** An audio alarm.

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