



DASMA
Door & Access Systems
Manufacturers Association
International

GATE OPERATOR & ACCESS CONTROL POINT SYSTEMS DIVISION

TECHNICAL DATA SHEET

#376

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Automated Vehicular Gate System Warning Signs/Placards

ANSI/CAN/UL 325 contains the following requirement regarding warning signs or placards for automated vehicular gate systems: “A gate operator shall be supplied with a minimum of two placards...for field installation. The instruction manual shall specify that the placards are to be installed in the area of the gate. Each placard is to be visible by persons located on the side of the gate on which the placard is installed.” This Technical Data Sheet will answer some frequently asked questions about the UL requirement and warning placards for automated gate systems.

- 1. What are the placards?** The placards contain important safety information intended to warn the general public of the potential hazards associated with a moving automated vehicular gate system.
- 2. Does the phrase “in the area of the gate” in UL 325 mean the placards must be placed on the gate itself?** The placards are to be installed near the gate so they are visible from each side of the gate and should not be installed on the gate since they should be seen whether the gate is fully open or fully closed. The intent of the language “in the area of the gate” is that warning placards should be installed both inside the gate and outside the gate, in the immediate vicinity of the gate, with specific locations determined by the gate installer based on the particular circumstances for each installation.
- 3. Is there an industry-approved layout?** Yes. DASMA’s Gate Operator Committee has created a layout for industry use (See Figure 1.) The layout meets ANSI Z535 requirements for warning signs. The layout is general in nature and is intended to apply to all types of gates.
- 4. Where can the placards be obtained?** All new operators are required to be supplied with a minimum of two placards, typically supplied by most gate operator manufacturers. Replacement placards are also available from most gate operator manufacturers. Additionally, most sign companies should be able to produce the placards to match DASMA’s layout. The placard must measure 8-1/2-in wide by 11-in long overall.

Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.

This Technical Data Sheet was prepared by the members of DASMA's Operator & Electronics Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.

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5. **Why are warning signs needed?** Because a moving gate can cause serious injury or death if an individual accidentally becomes entrapped between the gate and a stationary object. The hazards of moving, automated vehicular gates may not be readily apparent to an individual in the vicinity of such gates.
6. **Who installs the placards?** Typically, installers of automated vehicular gate systems will install the placards. Property owners are responsible for maintaining the placards; missing, broken or damaged placards are to be replaced.
7. **Who determines where the placards will be placed?** Installers are to follow instructions provided in the Installation/User manual. They will use their best judgment on placement, based on the particular circumstances for each installation.
8. **What if the property owner does not want the placards installed?** The gate installer is required to ensure that the entire installation complies with the applicable requirements of UL 325. This includes installing placards. The installer should document and photograph the installation of the placards as well as all UL 325 required entrapment protection devices.

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Figure 1
General Layout for All Types of Gates



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