

FDDR.E20981 - DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS

Door, Drapery, Gate, Louver and Window Operators and Systems

See General Information for Door, Drapery, Gate, Louver and Window Operators and Systems

STANLEY ACCESS TECHNOLOGIES

E20981

65 Scott Swamp Rd
Farmington, CT 06032-2803 USA

Commercial low energy pedestrian bi-directional swing door operators, Model(s) Express Swing

Commercial pedestrian door operators, Model(s) Dura-Glide, MA900, Magic-Access

Commercial/industrial pedestrian door operators, Model(s) Magic-Swing Ultralight

Commercial/industrial pedestrian door operators, Model(s) Magic Swing L.S., Magic-Force, Magic-Force Bifold Door System, Magic-Swing, Magic-Swing Bifold Door System, Magic-Swing RP90

Commercial/industrial telescopic pedestrian sliding door operators systems, Model(s) DuraFit

Commercial/industrial telescopic pedestrian sliding door operators systems, Model(s) DURA-MAX, Series 5400

Commercial/residential pedestrian door operators, Model(s) 313899

Industrial sliders, Model(s) Double Diamond

Industrial sliders, with optional separate control panels, Model(s) IS10000

Some models may also have Food Service Equipment, Sanitation Certification.

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FDDR.GuidelInfo - DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS

Door, Drapery, Gate, Louver and Window Operators and Systems

Guide Information for Electrical Equipment for Use in Ordinary Locations

GENERAL

This category covers electrical and pneumatic door and gate systems, and door, drapery, gate, louver, window and turnstile operators, together with controls and accessories for use with such operators, and similar devices.

This category covers door operators that have been investigated from an electrical and casualty viewpoint only. For door operators that have been additionally investigated for use on fire doors, see Fire Door Closers, Holders and Operators (GTBT).

This category does not cover the glass portions of the partitions, panels, or sections, associated with the operators and/or controls, unless indicated in the individual certifications.

Door and gate systems include doors or gates, operators and controls, tested as complete units. Components of a system are specifically designated in the installation instructions provided with the system.

Residential door operators are intended for intermittent use on counter-balanced doors, usually of the overhead type, in residential buildings of one to four single-family occupancies. When provided, external entrapment-protection devices, such as photoelectric sensors or door-edge sensors, should be installed in accordance with the installation instructions provided. In addition, all installation instructions, including the installation of warning labels adjacent to the wall-mounted actuating switch, should be followed.

Accessories for residential garage door operators, such as external entrapment-protection devices, should be installed and used only on door operators for which they are intended as marked on the installation instructions and/or packaging.

Commercial and industrial door operators are not intended to be installed in applications where the load exceeds the maximum power in foot-pounds per second or the maximum pull in pounds marked on the appliance. Light-duty, commercial vehicular door or door operators are not intended to be installed in locations where the number of operations per hour exceed that marked on the appliance.

Operators intended for use with other than counter-balanced types of doors, gates or windows are tested in conjunction with the doors, gates or windows for which they are designed.

Residential drapery operators are intended for intermittent use, controlling a maximum drapery weight of one pound per foot, unless otherwise marked.

Commercial drapery operators are intended for intermittent use, controlling drapery of the maximum weight marked on the assembly.

Vehicular gate and vehicular barrier operators have been investigated for use in one or more of the following usage applications. The classes for which they have been investigated are permanently marked on each operator.

CLASS I — A vehicular gate operator (or system) intended for use in a home of one to four single-family dwellings, or an associated garage or parking area.

CLASS II — A vehicular gate operator (or system) intended for use in a commercial location or building, such as a multifamily housing unit (five or more single-family units), hotel, garage, retail store, or other building servicing the general public.

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 location not intended to service the general public.

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 location not servicing the general public, in which unauthorized access is prevented via supervision by security personnel.

It has been determined that the casualty hazards inherent in the products covered under this category have been reduced to an acceptable degree; however, the ultimate safety is dependent upon proper installation. Authorities Having Jurisdiction should be consulted prior to installation. Installation should be performed by a qualified installer using the manufacturer's instructions. Special care should be exercised during installation of all operators to ensure that recommended safety devices, such as photoelectric sensors or reversing-edge switches, are properly installed. When so marked, industrial door operators should be mounted a minimum of 8 ft (2.44 m) above the floor.

PRODUCT IDENTITY

One of the following product identities appears on the product:

- Door Operator
- Drapery Operator
- Gate Operator
- Louver Operator
- Window Operator

Other product identities may be used as shown in the individual certifications.

RELATED PRODUCTS

This category does not cover door operators incorporated as integral parts of walk-in panel units for use with refrigerator cooler installations; see Door Panel Assemblies (FDIT).

This category does not cover door or gate systems or other assemblies including break-out or hinged sections intended to facilitate safe egress of persons in case of emergency; see Exit Doors (FUXV), Panic Hardware (FVSR), Fire Door Closers, Holders and Operators (GTBT) and Fire Door Operators with Automatic Closers (GUJY).

This category does not cover the burglary- and theft-protection features of vault doors or burglary-resistant, electrically operated door mechanisms intended to control the opening and closing of cell doors in a prison or institution; see Burglary-resistant, Electrically Operated Door-locking Mechanisms (CVXJ) and Vault Doors, Burglary Resistant (YUSR).

This category does not cover industrial control panels used for motor-control functions; see Motor Controllers, Magnetic (NLDX).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/CAN/UL 325, "Door, Drapery, Gate, Louver, and Window Operators and Systems."

Turnstile operators may be investigated to ANSI/CAN/UL 325 and/or UL Subject 2593, "Outline of Investigation for Motor Driven Turnstile Operators and Systems."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Alternate UL Mark

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names: "Door Operator," "Gate Operator," "Drapery Operator," "Window Operator," "Louver Operator," or other appropriate product name as shown in the individual Listings.

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