

ELECTROMECHANICAL ACTUATORS & ACCESSORIES

7930, 7940 & 7950 Series

The actuators and accessories on the following pages (7930, 7940 & 7950 Series) are to be used only with LCN electromechanical power operators. When using actuators supplied by others, such as card readers, consult the factory.

The desired function, traffic patterns and physical design of the opening will determine the type of actuators used. Generally for two-way traffic, an actuator is required on both the interior and exterior side of the door.

Note: the following actuators and accessories are to be used with LCN electromechanical power operators [2500, 2800, 2900, 9100, 9300, 9500 & 9700 Series].

JAMB MOUNTED ACTUATORS

JAMB MOUNTED PUSH BUTTON ACTUATOR - WHEEL CHAIR SYMBOL, 7930-211

Hardwired low voltage actuator with rectangular plastic plate. 5" (127 mm) wide by 1 3/4" (44 mm). High visibility lettering and buttons including universal wheelchair logo. Designed to mount in a frame cutout (template provided) projecting approximately 1" (25 mm).

JAMB MOUNTED PUSH BUTTON ACTUATOR - WHEEL CHAIR SYMBOL, 7930-211RF

Same as 7930-211 with (wireless transmitter) 12V battery powered miniature RF actuator.

JAMB MOUNT PUSH PLATE ACTUATOR – PUSH TO OPEN, 7930-380

Hardwired low voltage actuator with rectangular stainless steel touch plate. 1 1/2" (38 mm) wide by 4 3/4" (121 mm). Engraved blue filled handicap symbol logo conforms to most accessibility codes. Designed to mount in a frame cutout (template provided) projecting approximately 1/2" (12 mm) from the frame or surface mount box, 7930-919 (sold separately). Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard.

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WALL MOUNTED ACTUATORS

WALL MOUNTED PUSH BUTTON ACTUATOR - WHEEL CHAIR SYMBOL, 7930-204

Hardwired low voltage actuator with square aluminum plate. 4 5/8" (117 mm) wide by 4 5/8" (117 mm). High visibility lettering and buttons including universal wheelchair logo. Designed to mount in a double gang box.

WALL MOUNTED PUSH BUTTON ACTUATOR - WHEEL CHAIR SYMBOL, 7930-204RF

Same as 7940-204 with (wireless transmitter) 12V battery powered miniature RF actuator and surface mount plastic box.

WALL MOUNTED PUSH PLATE ACTUATOR, 7930-390

Hardwired low voltage actuator with square stainless steel touch plate. 4 5/8" (117 mm) wide by 4 5/8" (117 mm). Engraved blue filled handicap symbol conforms to most access codes. Designed to mount in a single or double gang box. Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard.

WALL MOUNTED PUSH PLATE ACTUATOR – BLANK PLATE, 7930-290 (STAINLESS STEEL), 7930-293 (BRASS)

Hardwired low voltage actuator with square stainless steel or brass blank push plate. 5 1/2" (140 mm) wide by 5 1/2" (140 mm). No exposed mounting screws.

WALL MOUNTED PUSH PLATE ACTUATOR – BLANK PLATE, 7930-290RF (STAINLESS STEEL), 7930-293RF (BRASS)

Same as 7930-290 or 7930-293 with (wireless transmitter) 12V battery powered miniature RF actuator and surface mount plastic box.

WALL MOUNTED PUSH PLATE ACTUATOR – PUSH TO OPERATE, 7930-291 (STAINLESS STEEL), 7930-294 (BRASS)

Hardwired low voltage actuator with square stainless steel or brass push plate. 5 1/2" (140 mm) wide by 5 1/2" (140 mm). "Push to Operate" in high visibility lettering on the push plate. No exposed mounting screws.

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WALL MOUNTED ACTUATORS Cont.

WALL MOUNTED PUSH PLATE ACTUATOR – PUSH TO OPERATE, 7930-291RF (STAINLESS STEEL), 7930-294RF (BRASS)

Same as 7930-291 or 7930-294 with (wireless transmitter) 12V battery powered miniature RF actuator and surface mount plastic box.

WALL MOUNTED PUSH PLATE ACTUATOR – WHEEL CHAIR SYMBOL, 7930-292 (STAINLESS STEEL), 7930-295 (BRASS)

Hardwired low voltage actuator with square stainless steel or brass push plate. 5 1/2" (140 mm) wide by 5 1/2" (140 mm). High visibility lettering and buttons including universal wheelchair logo. No exposed mounting screws.

WALL MOUNTED PUSH PLATE ACTUATOR – WHEEL CHAIR SYMBOL, 7930-292RF (STAINLESS STEEL), 7930-295RF (BRASS)

Same as 7930-292 or 7930-295 with (wireless transmitter) 12V Battery Powered Miniature RF actuator and surface mount plastic box.

RF TRANSMITTERS

TRANSMITTER KIT, 7930-200RF

RF transmitter included with all 7930 series RF push plate switches. No RF conversion available for 7930-380 and 7930-390.

TRANSMITTER – HAND HELD, 7930-150

Hand held transmitter uses 12-volt alkaline battery. Send signals up to a distance of 25'.

RECEIVER

RECEIVER, 7930-160

Install receiver within 25' of the transmitter. Comes with an adjustable 10-position code switch setting that offers thousands of possible code combinations. Requires 24VAC power from transformer or other power source.

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TRANSFORMER

TRANSFORMER, 7930-103

Hardwired transformer includes mounting bracket, rating of 115VAC input, 50/60 Hz, 24VAC output and 1 amp output. 8-1/2" long leads.

TRANSFORMER – 24V PLUG IN, 7930-164

Plug-in transformer features 115 VAC input, 24 VAC and 1 amp output.

RELAY

RELAY, 7930-148

Time delay relay to coordinate unlocking and opening of door. Used with magnetic locks, electric strikes or other electric latching hardware. Easy set-up dip switches.

SEQUENCER

BI-DIRECTIONAL DOOR SEQUENCER, 7940-149

Provides two relay outputs in a timed sequence for bi-directional operation. Capable of accepting 4 independent inputs. Double digit display to aid in programming the correct time delays needed. All values stored in permanent memory are retained if there is a power loss.

BOLLARD POST

BOLLARD POST, 7930-966

6" square aluminum bollard post for mounting hardwired actuators. Can be configured as a wireless RF actuator. Standard bollard post height is 36" and includes mounting base. Available in aluminum and dark bronze.

GANG BOXES

SINGLE GANG BOX, 7930-381

Plastic single gang box. Used with 7930-211/7930-211RF jamb switches.

DOUBLE GANG BOX, 7930-383

Plastic double gang box. Used with 7930 Series RF Switches.

SWITCHES

KEY SWITCH – 3 POSITION, 7930-219

On-Off-Hold Open position. Key control access to the different positions of the switch.

ROCKER SWITCH – 3 POSITION, 7930-220

On-Off-Hold Open positions. Rocker style switch for smooth operation.

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ADAPTER

SWITCH ADAPTER HARNESS, 7930-468

Allows the 3 position switches to plug directly into the control box eliminating the wire connectors or splicing of wires. For use with 2500, 2700, 2800, 9300, 9500, 9700 Series.

LINE FILTERS

LINE FILTER, 7930-240

Reduces the chance of electrical spikes damaging the automatic door equipment.

MOTION DETECTORS/SENSORS

MOTION DETECTOR, 7930-954

High performance, K-band microwave sensor detects objects approaching or moving away from the sensor. One way detection can be selected during installation. Maximum mounting height is 10' above floor on door header, wall or ceiling. Wide zone (13' wide by 6 1/2' deep) detection pattern is standard but optional narrow zone (6 1/2' wide by 8 1/2' deep) can be selected during installation. Sensor can be adjusted using hand-held remote control. For sensors mounted on pull side on the door position sensor so the scanned area is outside the sweep of the door to avoid actuation by the motion of the door. Sensor requires a separate 12V or 24V AC/DC power supply @ 2 watts (not provided). Matte black finish.

HMS (HEADER MOUNTED PRESENCE SENSOR) – BODYGUARD PRESENCE SENSOR, 7940-7770

Digital intelligence provides ultimate flexibility and infrared protection. Diffused active infrared technology provides safety protection for swinging and overhead door applications. Advanced microprocessor recognizes "door open" and "door closed" positions. Floods threshold with presence protection when door is open. Nine selectable patterns accommodate a left or right hand single door or a pair of doors. Learns background changes when in adjustable self-adaptation mode. For use with 2500, 2700, 2800, 9300, 9500, 9700 Series.

HMS PACKAGE – HMS SENSOR & BEAM SYSTEM, 7940-7715

Same as 7940-7770 with the addition of a microprocessor controlled active infrared beam. For use with 2500, 2700, 2800, 9300, 9500, 9700 Series.

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MOTION DETECTORS/SENSORS Cont.

HMS SYSTEM – HMS PACKAGE & MOTION DETECTOR, 7940-7716

Same as 7940-7715 but includes a 7940-954 motion detector. For use with 2500, 2700, 2800, 9300, 9500, 9700 Series.

SUPERSCAN DOOR MOUNTED SENSOR, 7940-7500

For maximum protection of an automated swing door, presence detection must move with the door. Mount a 7940-7500 on the push side of the door to protect the leading edge during the entire closing cycle. If a person is detected, the system will not allow the door to open or close. Advanced active infrared technology will protect the entire face of a typical 36" door.

DMS (DOOR MOUNTED PRESENCE SENSOR) PACKAGE – SUPER SCANS (2), 7940-7510

For maximum protection of an automated swing door, presence detection must move with the door. Mount a 7940-7500 on both sides of the door to protect the leading edge during the entire opening/closing cycle. If a person is detected, the system will not allow the door to open or close. Advanced active infrared technology will protect the entire face of a typical 36" door.

DMS SYSTEM – HMS SENSOR, SUPERSCANS (2) & MOTION DETECTOR, 7940-7511

Same as 7940-7510 and includes one 7940-954 motion detector.

DMS II SENSOR PACKAGE – SUPERSCANS (4), 7940-7520

Same as 7940-7510 includes an additional two SuperScans for use with pair of doors.

DMS II SYSTEM – HMS SENSOR, SUPERSCANS (4) & MOTION DETECTOR, 7940-7515

Same as 7940-7520 and includes one 7940-954 motion detector.

REMOTE

REMOTE, 7940-461

Hand-held remote control can adjust settings on 7940 Series motion sensors without removing the sensor cover. Maximum range 10.'

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GUIDE RAILS

GUIDE RAIL - W/O FILLER PANEL - W/ BEAM HOLES

Aluminum - 7950-500F (36")

7950-500G (42")

7950-500H (48")

Stainless Steel - 7950-515A (36")

7950-515B (42")

7950-515C (48")

Guide rails allow for traffic separation and control. Guide rails help to prevent accidents and are a point of stability for people entering and leaving a facility. High energy electromechanical power operators require the use of guide rails per ANSI 156.10. Available in 36" 42" and 48" lengths. Note: Please refer to ANSI 156.10 for specific requirements for your opening.

GUIDE RAIL - W/ FILLER PANEL - W/ BEAM HOLES

Aluminum - 7950-505F(36")

7950-505G(42")

7950-505H(48")

Stainless Steel - 7950-510A(36")

7950-510B(42")

7950-510C(48")

Guide rails allow for traffic separation and control. Guide rails help to prevent accidents and are a point of stability for people entering and leaving a facility. High energy electromechanical power operators require the use of guide rails per ANSI 156.10. Includes filler panel. Available in 36" 42" and 48" lengths. Note: Please refer to ANSI 156.10 for specific requirements for your opening.