

HDSL24UL

24VDC HEAVY-DUTY VARIABLE SPEED SLIDE GATE OPERATOR

Ideal for heavy gate and extreme applications.



CONTINUOUS-DUTY OPERATION

DIRECT DRIVE GEAR BOX AND BRUSHLESS DC MOTOR
up to 6 million cycles

MOVE HEAVY GATES
up to 3,000 lbs.
at 1 ft/sec.

RELIABLE

CONTINUOUS-DUTY GATE OPERATION BUILT WITH A CUSTOM HEAVY-DUTY GEAR BOX, SIZE 70, DIRECT DRIVE 40:1 GEAR RATIO.

CUSTOM 1.5 HP PEAK BRUSHLESS DC MOTOR DELIVERS UP TO 6 MILLION CYCLES.

VARIABLE CYCLE SPEED ADJUSTS TO MEET APPLICATION NEEDS FROM .5 FT./SEC. TO 1 FT./SEC.

SMOOTH START/STOP OPERATION AND MID-TRAVEL REVERSAL EXTEND OPERATOR HARDWARE LIFE.

#40 INDUSTRIAL CHAIN PROVIDES A PULL STRENGTH OF 2X THE GATE WEIGHT.

SMART

POWERED BY myQ® FOR FULL INSIGHT AND CONTROL OVER COMMUNITY AND FACILITY ACCESS POINTS. MONITOR AND CONTROL MULTIPLE COMMUNITIES WITH SMART COMMUNITY ACCESS. IMPROVE WAREHOUSE EFFICIENCY AND PRODUCTIVITY WITH SMART FACILITY ACCESS.*

FOUR PROGRAMMABLE AUXILIARY RELAYS ACCOMMODATE MORE ACCESSORIES.

WIRELESS DUAL-GATE COMMUNICATION SYNCHRONIZES GATE OPERATION AND ELIMINATES COSTLY TRENCHING; SET SPEED INDEPENDENTLY IF NEEDED.

SAFE AND SECURE

QUICK CLOSE AND ANTI-TAILGATE QUICKLY SECURES PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

POSILOCK® AUTOMATICALLY CLOSES THE GATE WHEN IT IS PUSHED FROM THE CLOSED LIMIT.

UL® LISTED GATE OPERATOR WITH MONITORED SAFETY ENTRAPMENT PROTECTION DEVICES.

*When linked with an access control powered by myQ. Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.

INCLUDED ACCESSORIES:

MONITORED RETRO-REFLECTIVE PHOTO EYE

Reliable retro-reflective photo eye with heater and wide beam, engineered to stay aligned; max. range: 50 ft.



LMRRUL

MONITORED SMALL-PROFILE RESISTIVE EDGE

Senses obstructions.



S505AL

SAFETY ADD-ONS:

MONITORED THROUGH-BEAM PHOTO EYES

Reliable through-beam with wide beam and heater for high performance in most environments; max. range: 90 ft.



LMTBUL

MONITORED WIRELESS EDGE KIT & TRANSMITTER

Low-energy Bluetooth® connection between a Resistive Edge and the gate operator; max. range: 130 ft.



LMEKITU & LMWETXU

MONITORED RESISTIVE EDGES

Full line of Small and Large Profile Edges that sense obstructions.



EDGES

TOTAL SOLUTION ACCESSORIES:

CONNECTED ACCESS PORTAL WITH VIDEO

Cloud-based access control for residential communities.



CAPXLV

PLUG-IN LOOP DETECTOR

Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup.



LOOPDETLM

INTERNET GATEWAY

Connects myQ-enabled gate operators to the Internet and enables control through the myQ app and communication to Access Control Systems powered by myQ.



828LM

MASTERFUL ENGINEERING.

MECHANICS



- 24VDC Brushless Continuous-Duty Motor
- **Operator Duty Rating:** High-Cycle, High-Temperature Continuous-Duty
- Direct Drive

POWER



- 120/240VAC Single-Phase
- **Accessory Power:** 24VDC 1 A Max. Output; Switched and Unswitched Power
- **Optional Kit (3PHCONV)** to Convert a 3-Phase Input Voltage of 208/240/480/575VAC to an Output Voltage of 120VAC
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)



COMMERCIAL-GRADE DESIGN



- **Chassis:** Constructed with 1/4 in. Steel, Powder Coated
- **Cover:** High-Density, UV-Resistant Polyethylene Cover for Excellent Heat and Corrosion Resistance
- **Warranty:** 5 Years Commercial, 7 Years Residential
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 172 lbs.

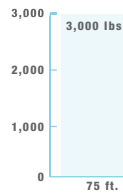
26.51"



18.14"

20.39"

CAPACITIES



TEMPERATURE SPECIFICATIONS



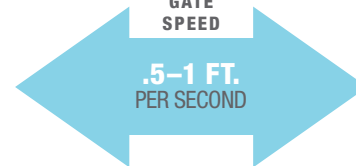
- WITHOUT HEATER**
-4°F (-20°C) to 140°F (60°C)
- WITH OPTIONAL HEATER (HTR)**
-40°F (-40°C) to 140°F (60°C)

BATTERY BACKUP OPERATION

Battery	Cycles	Standby Time
7Ah	45	120 Days
33Ah	109	180 Days

(Cycles and Standby Time Based on Stand-Alone System)

VARIABLE GATE SPEED



.5-1 FT. PER SECOND

STANDARD FEATURES.

INHERENT REVERSING SENSOR

- Detects Obstructions and Reverses Gate

POSILOCK®

- Automatically Closes the Gate When It Is Pushed from the Closed Limit

MANUAL DISCONNECT

- Allows Gate to Be Opened Manually When Released

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Tri-Band 310/315/390 MHz Frequency
- Up to 50 Remote Controls (Unlimited with 811LM/813LM)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

PROGRAMMABLE AUXILIARY RELAYS

- 4 Relays Make Adding Additional Features Easy

HOMELINK® COMPATIBLE

- Version 4.0 or Higher*

*May require an external adapter depending on the model and year of your vehicle. Visit HomeLink.com for additional information.

SUPPORT.



For Support Tools and Training Videos, Visit LiftMasterTraining.com

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates



Sales Support: 800.282.6225
Technical Support Center: 800.528.2806
To Order: 800.323.2276

