



total access control

SLIDE GATE OPERATOR

9100 VEHICULAR



Features

- Advanced microprocessor control board eliminates mechanical relays, switches and reversing contactors
- Automatic limit settings means no limit switch adjustments - ever
- Plug-in loop detectors simplify wiring and make installation easy
- Two convenience outlets for accessory transformers
- Fail-safe system allows for manual operation of the gate during power outages, or when an entrapment condition exists, without the need for any cranks, keys or other release devices
- Meets or exceeds the requirements of the UL 325 and 991 safety standards. ETL listed



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THE MODEL 9100 slide gate operator is designed for both residential and high traffic applications such as gated communities, apartment complexes, commercial buildings and industrial sites.

DKS Class I, II and III slide gate operators use an innovative fail-safe design that significantly reduces the chance of injury or entrapment. This is just one reason why DKS operators are preferred by many of the countries leading access control/security installation companies, builders, homeowners, property management companies, safety directors and fire prevention bureaus.

TECH SPECS

class of operation

Class I, II, III

electrical

1/2 HP continuous duty
115 VAC, 60 Hz, 5.4A

mechanical

Primary Reduction: Single cog belt
Chain: #41
Speed: Approximately 10 in./sec
Cover: Steel cover is plated and painted
Frame: G90 Galvanized steel to prevent rusting

manual release

Fail Safe: Push gate open
Fail Secure: Keyed release optional

operating temp

10°F to 140°F
-12°C to 62°C

Heater kit recommended for colder environments

gate limitations

Max gate: weight: 1000lb
length: 30ft

Assumes gate to be in good condition on a level surface

loop detectors

Port for plug-in open detector
Port for plug-in reverse detector

advanced features

Automatic limit adjustment
Auto-close timer 1-23 sec.
Selectable loop function-stop or reverse
Timer override feature helps prevent tailgating
Partial open feature
Automatically assumes fail-safe mode when an entrapment condition exists
Gate tracker reporting output

safety listing

Complies with UL 325 and UL 991 safety standards
ETL listed

dimensions

Height: 24 inches
Depth: 11 3/4 inches
Width: 12 inches
Shipping Weight: Approximately 125-185 lbs

Warranty: 2 year limited factory warranty



Entrapment Prevention Safety Advantages

- In the event of an entrapment, operator assumes a fail-safe condition allowing an entrapped person the opportunity to free themselves without outside intervention.
- No delay in opening the gate. No cranks or keys need to be found - just push the gate open. Operators with hand crank "emergency release" designs require up to 30 turns of the crank to move the gate just 1-foot!
- Never be locked out (or in). Most keys and cranks (if they can be located) can only be used inside the gate.
- No life-threatening delays for fire, police, ambulance or other public service agencies.



convenience outlets
For plug-in accessory transformers



plexi schematic
Wire connections are made simple with "plexi" schematic



circuit board
Advanced circuit board with LED readouts & built in diagnostics



self adjusting
Maintenance free electronic magnetic limits simplify installation and eliminate mechanical switch adjustments



swing up circuit boards
and modular design, adjustments and replacement of any part can be made easily in minutes without the need of dismantling the operator



partial open feature
allows long gates to open 14 feet for automobile traffic, or opens gate fully for large trucks or oversized vans



external switches
Power & reset

