GRIFCO®

POWERING COMMERCIAL DOORS

Ls DRIVE

LIGHT COMMERCIAL SECTIONAL DOOR OPERATOR

GRIFCO®

OVER 100 YEARS OF AUSTRALIAN MANUFACTURING

LS-Drive

Quiet, safe, sturdy, clever.

Introducing LS-Drive!

The LS-Drive is the perfect high-cycle operator for sectional doors found in small carparks. Designed for up to 50 cycles per day, it is the ideal automation solution for small multi-tenanted applications with around 12-15 cars.

It delivers all the necessary logic configurations without any unnecessary complexity.

- The quiet, powerful drive train delivers smooth and fast door cycles, with soft start and soft stop.
- Logic options can be easily configured (such as “open only” and “timer-to-close”) using the simple button panel.
- The extremely durable extruded aluminium rail is available in 2 lengths and features a clever mounting method and integrated cable management.
- The rail can be easily surface mounted for low ceiling carparks.

LASTING PERFORMANCE

LS-Drive features soft start / stop for increased reliability and reduced door maintenance. We have tested the LS-Drive to perform in busy small carparks.

SAFE AND COMPLIANT

Meets all applicable regulatory standards. Grifco performs thorough testing to ensure products are indeed safe and compliant.

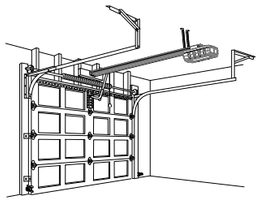
EXTRUDED RAIL

The brand new, purpose-designed extruded rail is built around high cycle operation and strength. It has a clever mounting method and integrated cable management.

CARPARK READY

LS-Drive has been designed with the necessary logic for carpark operation, including safety inputs and transmitter “open only” configuration.

Typical Installation & Specifications



Spring balanced light commercial overhead sectional doors, common in small multi-tenanted building carparks and other light commercial applications.

Main AC Power Supply	230-240 VAC 50Hz, 225W
System Operating Voltage	24 VDC Transformer
Accessory Power	Continuous unregulated 30 VDC, 50 mA max Switched regulated 24 VDC, 150 mA max
Max Door Heights (Part No.)	2.4m (GLD-R2.4M) / 3.0m (GLD-R3.0M)
Maximum Door Weight	160 kg balanced door
Maximum Door Area	15m²
Opening Travel Speed	14.2cm per second
Closing Travel Speed	7.6cm per second - Default speed 14.2cm per second - Fast speed for light weight doors
Max. Door Cycles	50 cycles / day
Operating Temperature	+5°C to +40°C
Transmitter Management	64 Devices, compatible with STAR1000EVO (sold separately)
Timer-to-Close	10 - 180 seconds (10 second increments)
Compliance	AS/NZS 60335-1 / AS/NZS 60335-2-103 / AS/NZS 4417.1

12 Month 20,000 Cycle Warranty

A high-cycle warranty from your partner in commercial door automation

The warranty offered on the LS-Drive covers the high-cycle workload of a busy sectional door.

The 12 month / 20,000 cycle warranty covers the entire operator, not just the “drive units” as warranted by other manufacturers.

Certificate of Suitability

LS-Drive has been tested to comply with multiple relevant Australian Standards pertaining to commercial doors. The published CoS is available to all customers on request.

Included Accessories

LS-Drive is supplied complete with monitored safety beams and the new Grifco 4-channel transmitter. Safety beams are required for operation

Easy Logic Configuration

The LS-Drive logic is easy to use, built around quick setup and adaptability. Onboard buttons and flashing LEDs make the setup process intuitive and quick. The operator has an “open-only” input feature, meaning transmitters and other access control devices send open signals only - ideal for multi-user carparks.

Commercial Wiring Terminals

The control panel features commercial terminals for easy connection of safety and control devices.

Security +2.0 Remote Control

LS-Drive features the industry-leading SECURITY +2.0 REMOTE CONTROL radio technology. This advanced platform cuts through interference, and ensures consistent, reliable and long range operation.

Transmitter management can be easily added to the installation, with the addition of the STAR1000EVO device.

Extruded Aluminium Rail

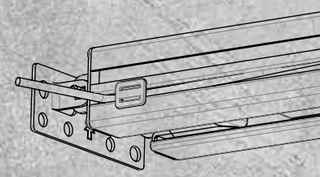
The one-piece black-anodised extruded rail is extremely robust. The pre-assembled unit doesn’t require any joining or additional mounting.

2 Rail Lengths with Mounting Flexibility

The 2 rail length options (for 2.4m max or 3.0m max high doors) feature a rail extrusion with continuous channels down each side. Channels allow for an M8 bolt head to slide along to the desired ceiling mounting position. This flexibility allows ceiling mounting to accommodate typical obstacles such as air conditioning, ventilation or lighting equipment.

Safety Beam Cable Management

The extrusion allows for the safety beam cables (supplied with LS-Drive) to be neatly tucked into the side walls of the rail. This prevents the need to cable tie or manage loose, dangling wires.



ORDER CODES

LS-DRIVE ORDER CODES

Part Number	Includes
GLD-SDO-R2.4M	LS-Drive Operator, Rail for door max 2.4m high, 774ANZ Safety Beams, E960G 4-Channel Transmitter
GLD-SDO-R3.0M	LS-Drive Operator, Rail for door max 3.0m high, 774ANZ Safety Beams, E960G 4-Channel Transmitter

INDIVIDUAL COMPONENTS

Part Number	Includes
GLD-SDO	LS-Drive Operator with 774ANZ Safety Beams and E960G Transmitter
GLD-R2.4M	LS-Drive Rail for door max 2.4m high
GLD-R3.0M	LS-Drive Rail for door max 3.0m high

ACCESSORIES

Wired Controls and Peripherals

Wall-mounted Key Isolator

Part No. KS108

Emergency Stop Button

Part No. PU100

Strobe Lights and Sounders

Part No. BS2224

Remote Access Devices

4-Channel Keyring Transmitter

Part No. E960G

Bulk Pack Coming Soon!

Transmitter Management (1,000 devices)

Part No. STAR1000EVO

3-Channel Keyring Transmitter

Part No. E945G

3-Channel Visor Transmitter

Part No. E943G

2-Channel Wireless Wall Transmitter

Part No. E138G

Wireless Security Keypad

Part No. E840G

Included Accessories

Monitored Safety Beams

Part No. 774ANZ

4-Channel Keyring Transmitter

Part No. E960G

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