



REFURBISHMENTS AND MODERNISATION

HYDRAULIC CONTROL UNIT

This lift controller offers outstanding performance for various hydraulic lift systems. Manufactured for operation in accordance with EN81-2 Lift Directive.

Main Features

- Up to 32 floors, simplex, duplex and group operation.
- Large LCD screen with user friendly, intuitive interface for parameter changes.
- Fault logging and event history for ease of maintenance.
- Accurate real time clock with temperature compensation.
- Star/delta, DOL, soft start and VVF operation.
- Circuit breakers as standard.
- Temperature monitoring.
- Interface with TFT and dot matrix indicators.
- Encoder positioning option and adjustable releveling (see below).
- Full opto-isolation.
- Independently EMC tested.



TRACTION CONTROL UNIT

This lift controller offers outstanding performance for various traction lift systems. Manufactured for operation in accordance with EN81-1 Lift Directive.

Main Features

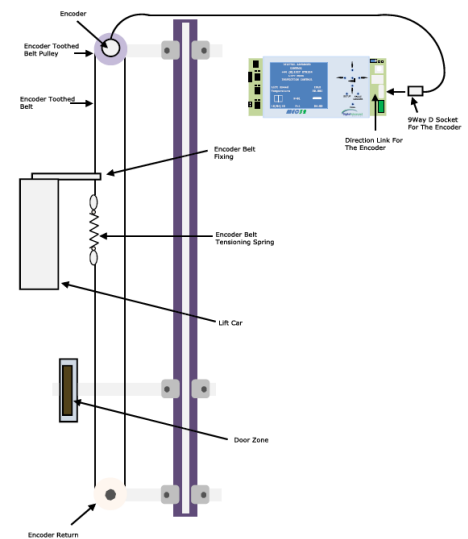
- Up to 32 floors, simplex, duplex and group operation.
- Large LCD screen with user friendly, intuitive interface for parameter changes.
- Fault logging and event history for ease of maintenance.
- Accurate real time clock with temperature compensation.
- Three different drive systems to suit your application.
- Up to 3 m/sec operation.
- Geared and gearless operation.
- Circuit breakers as standard.
- Temperature monitoring.
- Interface with TFT and dot matrix indicators.
- Encoder positioning option and adjustable releveling (see below).
- Full opto-isolation, high voltage opto-isolation compliant to IEC60747-5.
- Independently EMC tested.

ABS ENCODER SYSTEM

Either control system coupled with our ABS encoder system provides direct and speed feedback of the lift to the microprocessor. This is used to perform positioning of the lift, speed monitoring of the lift and releveling of the lift.

Main Features

- Direct interfacing with our hydraulic and traction control units
- Large LCD screen with user friendly, intuitive interface for parameter changes.
- Accurate positioning of the lift to 0.2mm.
- Speed monitoring of the lift.
- Reliable and robust system.
- Operation capacity over 120 m at 4 m/sec.
- Adjustments made in millimetres, metres and metres per second.
- Monitors several parameters for safe operation of the lift.
- Accurate releveling.
- Silent operation.





DOT MATRIX INDICATORS

The dot matrix indicators utilise the latest surface mount technology to give a reliable and user friendly set of dot matrix indicators. The indicators fully communicate with the ABS encoder system or the hydraulic/traction control units via Controller Area Network (C.A.N) protocol. This allows for a reliable industry standard and proven technology communication.

The position and messages are sent directly from the master to the indicators and not stored in the indicator. The positions and messages can be re-programmed from the control units or the ABS encoder system.

Main Features

- 30mm, 50mm versions.
- Limitless number of messages
- Horizontal and Vertical versions.
- Red, Green, Blue and Amber.
- UK Manufactured and supported.
- Fully reprogrammable on site from either the MEC32 Controller or the SF750 Encoder board.
- Plug-in gongs and Side Arrows.



TFT INDICATORS

The TFT (Thin Film Transistor) LCD indicators utilise the latest surface mount technology to give a reliable and user friendly set of TFT LCD indicators. They are full colour chip on glass TFT's providing up to 16.7million colours and has a resolution of 480x272 pixels in a 4.3" display giving superb resolution and clarity. The indicators can display logos or be programmed with various backgrounds and formats.

The indicator is designed to be a cost effective upgrade to the dot matrix indicator range. The indicators fully communicate with the ABS encoder system or the hydraulic/traction control units via Controller Area Network (C.A.N) protocol. This allows for reliable and industry standard communication which is a well proven technology in the lift industry.

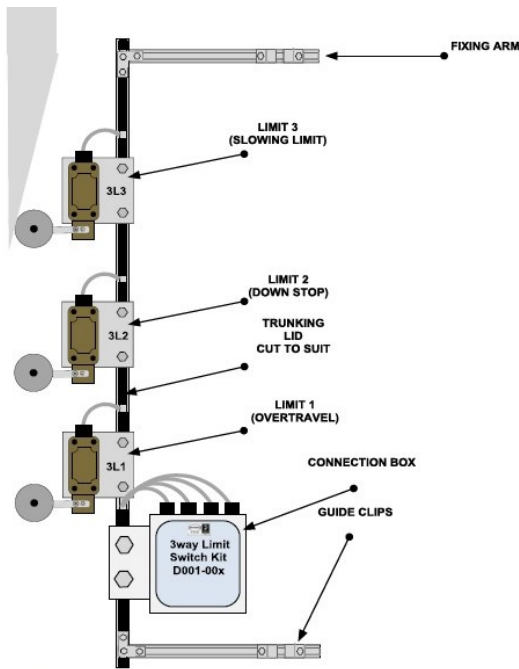
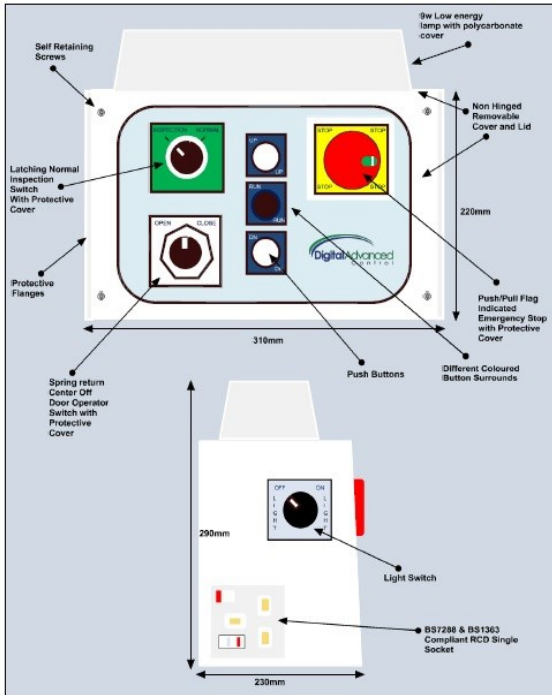


CAR-TOP CONTROL UNIT

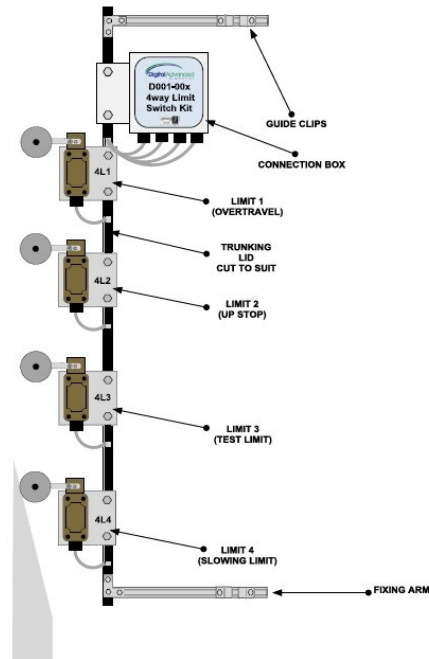
The BS7255 compliant Car-top control unit is a high-quality unit that has been designed by engineers for engineers.

Main Features

- Robust Box with removable cover.
- Pre-Wired to Industry Standard.
- RCD BS7288 & BS1363 Socket as Standard mounted for ease of plugging in.
- Vibration Proof WAGO terminals.
- Protected switches with different shapes.
- Extra side protection of front cover.
- Push/Pull Flag indicated emergency stop.
- Contacts can be easily stacked if necessary.
- Colour coded wiring.
- Different coloured backgrounds to aid visibility.
- Protected 9W low energy lamp.
- Optional Emergency light with LED indication and 3Hr Backup.
- Optional Engineers Alarm.
- Optional rear mounted flag indicated emergency stop.



3-WAY LIMIT SWITCH



4-WAY LIMIT SWITCH

Main Features

- Schmersal pre-wired Limits.
- Adjustable arm with secure location bolt and 50mm Rubber wheel.
- Pre-Wired to Industry Standard.
- Quality German Weidmuller Terminals.
- Galvanised boxes and fabrication.
- 100% Tested.