



THE UK'S LARGEST
INDEPENDENT LIFT CONTROL
PANEL MANUFACTURER

5 YEAR GUARANTEE

MACHINEROOMLESS LIFTS (MRL)

Lester Controls offers a wide range of MRL controller solutions to complement your MRL lift, for projects from new installs to the modernisation of existing lift systems.

ADVANTAGES

- ALMEGA (I or II) technology
- Hydraulic or Traction options
- Multiple floor options
- Standard or non-standard brake options
- Lockable cabinet doors
- Fully vented
- Fully EN 81-PT1 compliant and EN81-20 compliant where required
- Permanent UPS (Uninterruptible Power Supply) fitted as standard for emergency brake release
- Stainless steel cabinet as standard

DRIVE OPTIONS

- Standard Hydraulic or VVVF Hydraulic
- Magnetek Geared or Gearless
- Ziehl Drives Geared or Gearless
- Drives mounted internally or externally (size dependent)
- Automatic Rescue Device (ARD) available

STANDARD DIMENSIONS (MM)

- 2100h x 440w x 270d



Panel test control



POWER CONTROL OPTIONS

- Hydraulic Control
- Variable Frequency Control Traction or Hydraulic
- Polechanger / Two Speed Control
- Single Speed Control

HYDRAULIC SYSTEM CONTROLS

- Hydraulic Over Travel Sequencing
- Hydraulic Homing
- Hydraulic Releveling Control
- Hydraulic Vane Sequence Check (via software)
- Hydraulic Oscillation Control
- Hydraulic Star / Delta Pump Starting Control

DOOR CONTROL OPTIONS

- Manual Doors
- Fully Automatic Doors
- Swing Landing Doors & Power Car Doors
- Park Open Control (software option)
- Door Nudging
- Differential Door Dwell Timings
- Limited Landing Door Reopen

INDICATORS

- Direction Arrows
(collective controls only)
- Lift Overload Indicator
- Out of Service Indicator
- Positions Indicators
- Car Call and Landing Indicators
- Fire Control Indicator
- Arrival Gong Control

Our standard MRL cabinet is made from stainless steel and sized at 2100mm high x 440mm wide x 270mm deep.

This control panel houses the Almega II processor and up to 11kW (24Amp) on the Magnetek drive and 11kW (32Amp) on the Ziehl Abegg 4CS drive.

A new, slimline version is also available with the ALMEGA II processor and the Ziehl Abegg 4CS. With dimensions of 2100mm height x 200mm depth x 250mm width, it utilises serial push and indicator networks to reduce size and installation time.

The ZA 4C drive is mounted within the lift shaft and adjacent to the motor. A zetapad programming tool is fitted into the control panel to program, adjust and interrogate the inverter remotely.

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